Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

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Volume 136 AUGUST 21, 1939 Number 8

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Volume 136 **AUGUST 21, 1939** **Number 8**

Tax Revision Views Of Public Sought

OPD Washington Bureau
August 17, 1939

A week ago, the subcommittee of the house ways and means committee which has been set up to study revision of internal revenue taxes let it be known that it was desirous of geting the advice and assistance of business in the carrying out of its delegated duty.

Today, John W. Hanes, Acting Secretary of the Treasury, made public the text of a letter he is sending to organizations and leaders in industry, labor, commerce, banking, agriculture, and the professions to request their views on internal revenue taxation.

Mr. Hanes is assembling the information in order to have a record of "public tax opinion" for the subcommittee of the ways and means committee when it assembles November 1 to begin the recess study assigned to it by the Seventy-sixth Congress. The text of his letter is as follows:—

The subcommittee of the ways and means committee of the House of Representatives has been instructed (H. Res. 277) to make a thorough study of internal revenue taxation during the recess of the Seventy-sixth Congress.

The chairman of this subcommittee, Mr. Jere Cooper, is desirous of having all pertinent material ready for presentation early in the next session of the Congress. With the approval of his committee, I am writing to ask your cooperation in this effort to work out a tax revision program which will further improve the laws relating to individual and corporation taxes, the regulations derived therefrom and the administrative procedure in their collection.

If you—or any organization with which you are connected—should be interested in having your views placed before the committee in full, I shall be glad to arrange, at a time convenient to you before November 1, a private hearing before the treasury staff assigned to compile a record of present public tax opinion. Your views will receive every consideration and I shall appreciate your help.

This is our common problem, and a successful effort toward its solution will depend largely on our mutual and sympathetic understanding of the questions that confront both the government and the taxpayer.

I shall await your answer with interest.

Oil Control by U.S. Needed, Says Ickes

OPD Washington Bureau
August 17, 1939

The present situation in the petroleum industry makes more necessary the enactment of the Cole bill for Federal regulation of conservation, Harold L. Ickes, Secretary of the Interior, declared at a press conference today.

He said that the current reduction in the price of crude and the ensuing shutdown of oil fields in Texas and several other States prove what he has been saying for several years, that State and Federal co-operation in production control is essential. Texas objected very strongly to Federal ac-

—Continued on page 52

Oil Output Shutdown Ordered by Six States

In an effort to force the price of crude oil back to $1 per barrel by reducing stocks, six oil-producing States staged an unprecedented "shutdown strike" last week to halt the flow of wells which produce more than two-thirds of the nation's oil.

Texas closed its 87,000 wells early in the week, taking the lead in the offensive by Midcontinent producers against a wave of price slashes. On succeeding days, Oklahoma, Kansas, Arkansas, New Mexico and Louisiana followed the Texas move. The closedown, slated for fifteen days, may be extended if the crude price does not advance.

To add to the confusion regarding prices, the Sinclair Prairie Oil Market-

—Continued on page 52

Drug Act Color Comment Asked

OPD Washington Bureau
August 16, 1939

Proposed findings of fact and amendments to the regulations for certification of coal tar colors for use in foods, drugs, and cosmetics were published today in the *Federal Register*

The recommendations were made to the Secretary of Agriculture by Frank S. Hassell, department attorney, who presided at hearings on the subject held July 5. Interested parties have ten days in which to file objections. The proposals follow closely the tentative changes published on June 3 and discussed at the hearing (OPD June 12 and July 10). The proposals would add thirty-one additional colors to the certifiable list and make a number of minor changes in the existing regulations.

Industrial Market Data Published

OPD Washington Bureau
August 17, 1939

The Industrial Market Data Handbook compiled by the Department of Commerce is now available for distribution.

The handbook is a compilation of information on establishing new sales territories, production quotas, and marketing campaigns. It contains comprehensive statistics on industrial production, employment, value of products, cost of material, fuel, and power, and output per wage-earner for each of the 3,070 counties in the United States, and similar data for every city of more than 10,000 population. The figures in the handbook pertain to 1935, the latest year in which information in this form is available.

Announcing the publication of the handbook, Harry L. Hopkins, Secretary of Commerce, pointed out that the study is especially designed to aid sales

—Continued on page 29

Belgian Tariff Bargain Scheduled for Revision

OPD Washington Bureau
August 16, 1939

The Department of State today gave notice of its intention to negotiate a new tariff bargain with Belgium to replace the one which has been in effect since May 1, 1935.

Hearings on the proposed agreement will open October 2 before the Committee for Reciprocity Information, and written briefs and requests for appearance at the hearings must be filed with the committee by September 16. The agreement will also cover the Belgo-Luxemburg Economic Union and the Belgian Congo.

A list of commodities which may be affected by reductions in the United States duty was published at the same time, containing all the commodities covered by the existing Belgian agreement and several others, some of which are affected by other agreements. It was announced that the fact that concessions have already been granted on these products will be taken into account and consideration will be given to the experience under existing duty reductions.

With respect to trade between the United States and Belgium the Department of State said:—

Trade between the United States and Belgium has increased substantially since the first trade agreement became effective on May 1, 1935. Belgium's total imports from the United States rose steadily from $46,500,000 in 1934, to $80,500,000 in 1937 and to $86,500,000 in 1938. The principal United States commodities imported by Belgium are automotive products, raw cotton, wheat, linseed oilcake, petroleum products, sawn wood, and copper and scrap. United States imports from Belgium increased from $26,500,000 in 1934 to $74,100,000 in 1937 but fell in 1938 to $42,000,000 when total United States imports also dropped. Diamonds, coney and rabbit furs, dead or creosote oil, barley malt, imitation oriental rugs of cotton, jute fabrics, and gluestock constitute about half, by value, of the commodities imported into the United States from Belgium.

Articles Involved

The department's list of articles involved in the purposed negotiations includes a relatively large number in the chemical and related fields. These articles, with the department's references to their particular status, are listed below, the rates of duty being those now applicable to products of the Belgo-Luxemburg Economic Union. The interpretative symbols at the right of the column are explained as follows:—

MR—A reduction of 50 percent in the rate of duty has been made in a trade agreement which is now in effect.

R—A reduction of less than 50 percent has been made in a trade agreement which is now in effect.

C—A reduction was made in the trade agreement with Czechoslovakia but was suspended April 22, 1939.

—Continued on page 52

Wallace Against Export Subsidies on Oils, Fats

OPD Washington Bureau
August 17, 1939

The increase in stocks of fats and oils within the past two years, while large, may be offset to a large extent in this fiscal year by a decrease in imports. Secretary of Agriculture Henry A. Wallace stated in an analysis of the fats and oils situation. As of July 1, 1939, he said that domestic stocks of fats and oils exceeded somewhat the previous record stocks of a year ago and were around 500,000,000 pounds larger than they were two years ago. Imports of fats and oils, he added, however, amounted to 1,200,000,000 pounds in the past fiscal year: 1,300,000,000 pounds in 1937-38 and 1,800,000,000 pounds in 1936-37.

In discussing the price situation, Secretary Wallace said:—

At present coconut oil is quoted at 2⅝ cents per pound at Pacific ports. After paying a 3-cent excise tax, such oil would

—Continued on page 38

Trade Associations Indicted as Trusts

OPD Washington Bureau
August 15, 1939

Indictments under the Sherman antitrust law have been returned against the Kraft Paper Association and the National Container Association by the Federal grand jury for the southern district of New York.

The indictments, according to the Department of Justice, name also a concern engaged in trade association management and a number of industrial corporations and individuals.

One of the indictments charges the Kraft Paper Association, thirty-five corporations, and fourteen individuals with having engaged in a combination and conspiracy to restrain interstate trade and commerce in kraft paper by curtailing and limiting the production of such

—Continued on page 34

Social Security Act Amendments Explained

OPD Washington Bureau
August 15, 1939

The effects of the amendments of the Federal social security act, approved August 11 by President Roosevelt, are explained by Guy T. Helvering, Commissioner of Internal Revenue, in a statement of their relation to the taxing features of the act. The major changes in this respect, Mr. Helvering says, are as follows:—

1. The old-age insurance tax rate has been fixed for the next three years at 1 percent on the employer and 1 percent on the employee, as against the 1.5 percent rate provided under the old law.

2. Beginning with the taxable year 1940, only the first $3,000 of annual wages paid to each employee will be subject to the

—Continued on page 32

World Chemical Developments Irregular and Uncertain in 1938

OPD Washington Bureau
August 18, 1939

Developments in the production and distribution of chemicals throughout the world were characterized by irregularities and uncertainties during 1938, according to the annual review published by the Department of Commerce. There was increased activity in some branches of the industry, but the net movement was somewhat less than that in 1937. Expansion of productive facilities, establishment of new industries, and extension of research were not lacking during the year, but none of these was so extensive as in the preceding period.

The department's review comments on the general situation in world chemical activities as follows:—

With a few exceptions, almost all chemical-consuming countries started the year 1938 with accumulation of stocks. After the outbreak of hostilities in the Far East in the Summer of 1937, many of the importing countries had purchased certain chemical products in amounts in excess of demand. Thereafter, when there proved to be no interruption in foreign trade generally, large buying diminished and the chemical foreign trade of the world, for the most part, during the first half of 1938 was considerably less than during the first half of 1937. In the last half of the year, however, trade picked up, but not sufficiently to bring the total up to the 1937 figure. Complete figures for the world chemical trade in 1938 or even for 1937 are not available, but it is estimated that both imports and exports were less in 1938 than in 1937, although greater than in 1936 and other immediately preceding years.

The European political situation and the territorial cessions furnished added incentive to the rearmament programs which had been under way the last few years. These rearmament programs were not confined to Europe or the Far East, but were general throughout the world, since almost all countries were preparing for emergencies.

The European chemical industry, particularly, benefited by these programs. In the Netherlands, for example, it was reported that the manufacture of armaments for use at home and abroad gave impetus to many local industries. Switzerland's exports of various chemicals required for the manufacture of ammunition and war materials to various countries increased. Production of explosives in Sweden expanded to a new all-time high. Explosives and ammunition exports from Finland doubled. These few instances are cited to show the general trend.

In the Far East, probably the outstanding events are the progress made in China toward its rehabilitation; the economic development of the large area still under the Chinese government, as well as the reconstruction of Shanghai and the other industrial sections under Japanese control; and the marked expansion of the chemical industry in Japan.

Attention was directed toward the location of plants with regard to safety, and

—Continued on page 30

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Closing Market Developments

Tin Salts Firm

While prices for various tin derivatives displayed a firm tone late in the week, the advance in Straits metal to the 48.85c. per pound level was not sufficient to bring about any advance in the quotations.

Quicksilver Vermilion Down

Further weakening of the quicksilver price structure prompted certain producers of quicksilver vermilion to again reduce the price late last week. The reduction was for 1c., bringing the new quotation to $1.51 per pound for five tons lots and $1.54 to $1.58 for smaller lots. This was the second reduction of the week.

Gasoline in Heavy Demand

The curtailment of oil production in the Midcontinent resulted in a greatly increased demand for gasoline at New York Harbor late last week. Consumers, fearful of a price advance because of depletion of crude oil stocks, were anxious to stock up to capacity at the presently quoted price. Certain suppliers were withholding offerings, in hope of a price rise.

Cottonseed Oil Steady

Refined cottonseed oil futures were quiet on Friday but the tone was fairly steady. Changes in prices were narrow. Lard was firmer and offerings of cottonseed oil contracts were comparatively light. October closed at 5.55c. and December 5.66c., showing an advance of 10 to 12 points as compared with the final quotations of the previous Friday.

Antimony Remains Firm

Price for antimony metal held unchanged, with the tone of the market firm. Business was not very active. The abolishment of the 12 percent export tax on antimony ore by the Mexican government recently had no influence on the market. The tax was applicable on antimony in which ore concentrates are less than 25 percent.

Copper Active and Firm Abroad

Sales in the foreign market were more active late in the week, with Germany reported a large buyer of blister copper for prompt delivery. Quotations range from 10.60c. to 10.65c. per pound, compared with 10.45c. earlier in the week. Demand in the domestic market was dull averaging about 500 to 750 tons per day. Price was unchanged at 10½c. per pound.

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Iraq Imports.—Certificates of origin are required for all merchandise imported into Iraq. Exemptions will be made for merchandise imported for exclusive personal use, provided each shipment does not exceed $23.50

Methyl Alcohol:— France has suspended import quota restrictions on rectified methyl alcohol.

Paints.—France has suspended import quota restriction on varnishes and paints assimilated to varnishes, other than those with alcohol or cellulose acetate or nitrocellulose base.

Soda Nitrate:—A quota of 42,000 metric tons of crude sodium nitrate may be imported into Italy duty-free during the period ending December 31, 1939.

Columbia Alkali to Return Main Sales Office to New York

The Columbia Alkali Corporation, an affiliate of the Pittsburgh Plate Glass Corporation, will remove September 1 its main sales offices from Barberton, O., to 30 Rockefeller Plaza, where it was located previous to its removal to Barberton several years ago. W. I. (Cy) Galliher, director of sales, and J. P. Leppart, assistant director, will make their headquarters at the new location.

Hooker Relocates Headquarters

The Hooker Electrochemical Company announces the transfer of its administrative, sales and accounting headquarters and personnel to Niagara Falls, N. Y. The removal became effective August 21. A local office will be maintained in this city on the fifty-first floor of the Lincoln building, 60 East Forty-second street.

Chemical Prices Strengthen a Bit

There was a little more price strength in the markets for heavy and fine chemicals last week. The support came from corn derivatives and santonin. Quicksilver was again reduced, as were also some naval stores.

Business had a touch of midsummer lassitude, buying being closely confined to nearby needs. Expectations for September and later were high.

Prices were advanced on cornstarch, tanner's corn sugar, corn dextrin, corn syrup, santonin, domestic casein, cyanide of silver, feeding tankage locally, and codliver oil.

Prices were reduced on quicksilver, quicksilver vermilion, medium grades of gum rosin, gum turpentine, ground tankage locally, and imported dried blood.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at its low point of 125.3 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.7, compared with 89.1 at this time last year and 90.0 in 1937.

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F.W.D.A. Convention Entertainment Arranged

The Federal Wholesale Druggists' Association will hold its twenty-fourth annual convention in the Homestead, Hot Springs, Va., September 20-22. While the business program, dealing with current problems in the drug industry, has not as yet been completed, the entertainment program offers a wide variety of social and recreational activities. The entertainment program follows:—

Wednesday, Sept. 20

12:30 P.M.—Ladies' luncheon at the Cascades Club, to be immediately followed by bridge.
12:30 P.M.—Gentlemen's luncheon at the main hotel—associate members, guests of active members. After luncheon, golf for those of the men who desire to play.
6:30- 7:30 P.M.—Cocktail party and get-together in the Pilgrim Room.
7:30- 9:00 P.M.—Dinner in the main dining room.
9:30-11:00 P.M.—Entertainment in the ballroom.
11:00 P.M.—Dancing in the main ballroom.

Thursday, Sept. 21

12:30 P.M.—Ladies' luncheon at the Casino, followed by a putting contest.
12:30 P.M.—Luncheon for gentlemen followed by golf tournament for active and associate members.
7:00 P.M.—Banquet in the Empire Room; awarding of golf prizes and entertainment to be followed by dancing in the main ballroom.

Friday, Sept. 22

12:30 P.M.—Luncheon for ladies and gentlemen in the main dining room. Luncheon will be followed by carriage rides for the ladies and golf for the men who desire to play.
7:00 P.M.—Dinner for ladies and gentlemen in the main dining room followed by motion pictures which will be followed by dancing.

Trade Ass'n Executives Annual Meeting Sept. 20

Business and politics, anti-trust laws, labor and wage-hour acts, cooperation between governmental agencies and educational institutions with trade groups, and public relations in its many phases are topics to be discussed at the annual convention of American Trade Association Executives to be held at the Westchester Country Club, Rye, N. Y., September 20-23.

The convention will open September 20 with a luncheon at which Senator Styles Bridges, of New Hampshire, has been invited to discuss "Business and Politics."

The balance of the first day will be devoted to consideration of public relations and the consumer. The second day's program will include addresses on the anti-trust laws, Wagner Act and wage-hour legislation as they relate to industry, and the relationship of colleges of business with trade associations. Development of new markets and the value of statistics and business exhibits furnish topics for the third day, which will terminate with a golf tournament. September 23 will be spent by the convention participants at the World Fair where a special American Trade Association Executives' program is being arranged.

Dorsey Heads Region 3 Of Wage-Hour Division

Frank J. G. Dorsey has been appointed director of region No. 3 of the wage and hour division of the Department of Labor, covering Pennsylvania, New Jersey and Delaware. Mr. Dorsey, who is forty-eight years old, lives in Philadelphia, and was a member of Congress for two terms, 1934 to 1938. Prior to his election to Congress, Mr. Dorsey was employed for fifteen years by Henry Disston & Sons, saw manufacturer, in personnel work, factory supervision, and when he resigned to enter Congress he was budget director and assistant to the treasurer of the company. He is a graduate of the Wharton School of Finance and Commerce of the University of Pennsylvania. His headquarters will be in the Widener building, Philadelphia.

Trade Research Aids Named by Hopkins

OPD Washington Bureau
August 16, 1939

Coincident with the appointment of James W. Young as director of the Bureau of Foreign and Domestic Commerce, it was announced at the Department of Commerce that Secretary Harry L. Hopkins had appointed eight of what will probably be a staff of about a dozen special advisers and researchers.

Funds for this staff of special experts were provided in the department's appropriation bill for the current year after Secretary Hopkins had testified that they were needed to revitalize the department and give it a new kind of energy for assisting business in solving its problems and in dealing with other government agencies.

The appointments so far announced are Richard V. Gilbert, public finance expert of Harvard University; Robert L. Davison, of the Pierce Foundation; R. H. Riley, University of Cincinnati economist; James E. Hughes, former NRA construction expert; Paul T. Truitt, former Treasury Department employee; V. L. Bassie, former employee of the Federal Reserve Board; Carroll Wilson, formerly with the Boston investment council firm of Scudder, Stevens & Clark; and Robinson E. Newcomb.

The exact duties of these new assistants have not yet been determined, but they will work in close cooperation with the secretary and will be given special assignments by him. Among the subjects which they will study will be improvement of the construction industry, public utilities, public finance, problems of individual industries, extension of Latin-American trade, industrial mobilization, interstate trade barriers, and problems of small businesses.

Peppermint Oil Output Aug. Estimate 5% Lower

Production of peppermint oil in Indiana, Michigan, Ohio, Oregon and Washington is forecast at 845,000 pounds in the August crop report of the Agricultural Marketing Service, Department of Agriculture. This compares with the 1938 crop of 890,000 pounds, being 5 percent smaller. The 1937 crop totaled 885,000 pounds.

Total acreage under cultivation this year is 28,560 acres, against 29,070 acres worked during the 1938 season, and 32,100 acres cultivated in 1937. The indicated yield per acre for 1939 is 29.6, comparing with 30.6 in 1938, and 27.6

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Jacksonville Paint Unit Added by N.P.V.L.A.

The Jacksonville Paint Dealers Association has become a local affiliate of the National Paint, Varnish and Lacquer Association. It was admitted August 10, following negotiations started on the occasion of a recent visit to Jacksonville by Ernest T. Trigg, president of the national organization.

H. C. Buckland, of the Buckland Paint Company, who is president of the Jacksonville organization, contemplates the creation of a Florida organization in affiliation with the national association and having units also in Miami and Tampa. This idea is being actively furthered by Mr. Trigg and his associates at N. P. V. L. A. headquarters.

E. C. Lathrop to Direct U.S. Farm Waste Research

OPD Washington Bureau
August 16, 1939

Dr. Elbert C. Lathrop, an authority on the commercial production of cellulose products, is to head the work on the industrial utilization of agricultural wastes at the Northern Regional Research Laboratory of the Bureau of Agricultural Chemistry and Engineering, Dr. Henry G. Knight, chief of the bureau, announced today. Dr. Lathrop's work is intended to develop new and improved methods for the production of cellulose products from such materials as stalks, straw, hulls, and cobs. A graduate of DePauw University, he did research in chemistry in the Department of Agriculture for many years and carried on investigations for several large industrial concerns.

Trend of Progress in Cosmetics

Discussion at the 1939 annual meeting of the Society of Chemical Industry of the paper by H. Stanley Redgrove published in the Reporter for July 10 and 17, reported in the society's publication, *Chemistry and Industry*

Mr. Redgrove, in introducing the paper, expressed his satisfaction that the society had now recognized cosmetics as a branch of industrial chemistry and a branch of sufficient importance to be treated as a separate subject at this symposium. Cosmetics were important from two angles. It was important, first from the chemical angle, and, secondly, because the industry was a growing one. In the United States, at all events, it now occupied a position of leading importance having regard to all its ramifications concerning the manufacture of the raw materials, the actual manufacture of the products themselves, and the innumerable beauty parlors where the products were used. An even more important aspect, from the commercial angle, was the hygienic point of view. A writer in *The Times* recently stated that a woman who sought beauty was adopting hygiene and performing a social service, and he personally would say exactly the same thing about a man who desired to be well groomed because one very important factor was that the essential oils used in perfumes had a much higher Rideal-Walker coefficient than phenol. Therefore, when a man used cosmetics he was helping to disinfect the atmosphere!

Dr. H. A. Scott said the opening remark made by Mr. Redgrove to the effect that phenol was a very poor second indeed to essential oils should be enlarged upon. The impression given was that the Rideal-Walker coefficient was not altogether to be desired, and it was the fact that the Rideal-Walker coefficient was now recognized as not being an absolute test of the strength of germicides and disinfectants.

It had been mentioned by Mr. Redgrove that the pH value of soapless shampoos should be kept low, but he wondered whether that was a wise view owing to the danger of removing too many surface fats from the skin.

Canadian Law

A. Linton Davidson (Canada) said the food and drugs act in Canada had recently been amended to include the control of cosmetics and under the new legislation cosmetics would be manufactured under license only. All the ingredients would have to be stated on the label and trade-names would not be allowed. Commenting on the reference in the paper to the purity of cosmetics, he said he would like to warn manufacturers not to use that expression for any cosmetics going into Canada, because it would not be allowed.

Dr. William Cullen said that until he had read this paper he had no idea of the magnitude of the cosmetics industry and had been astounded to find that some cosmetics in powder form were exported at the rate of thousands of tons a year to parts of the world where the natives themselves smelt rather badly! In the part of the tropics which he knew very well, the ladies not only used lipstick, but they laid it on with a trowel, and face powder was put on in exactly the same way, so that it was not astonishing, perhaps, that the export business should be such a large one. Some of those who went on the visit to Canada and the United States would probably remember that one of the quips was that the quantities of face powder used were costing very much more than gunpowder ever did in the past.

Mention had been made by Mr. Redgrove of titanium oxide as one of the ingredients of cosmetics, but the world supplies of titanium oxide were not very large and the paint industry used a lot of it. As a matter of fact, he only knew of one source of supply which could meet the possible demands of the next ten years, which was not very long to look ahead.

Finally, Dr. Cullen said that although he had attended many annual meetings of the society, he had never listened to a symposium in which so many striking papers had been given. Referring to Dr. Thomas's paper, he added that he did not remember any previous occasion on which those connected with the artificial silk industry had put their cards on the table in such a manner, and the same comment applied to the paper by Mr. Redgrove.

—Continued on page 45

General Plastics to Merge With Durez Chemicals

General Plastics, Inc., North Tonawanda, N. Y., stockholders will vote Aug. 30 on a plan to consolidate the company with the newly-formed Durez Plastics & Chemicals, Inc., which has been incorporated in New York State to manufacture and sell plastics and chemicals. The new company under the proposed plan, would have $3,220,925 of capital stock, consisting of 500,000 shares of $5 par value common, 1,811 shares of $100 par value 7 percent preferred, and 21,593 shares of $25 par value 6 percent preference. Under the proposed merger plan, holders of the preferred stock, the 6 percent preference, and the common stock of the General Plastics will receive for their shares the same number of shares of 7 percent preferred, 6 percent preference and common stock of the new company.

Approval will also be asked for the issuance of $1,600,000 of ten-year 4½ percent debentures. Proceeds of this issue would be used to retire the first mortgage bonds and bank loans of General Plastics as well as to complete the financing required for the new phenol plant in North Tonawanda, and to purchase certain patents.

Houston Paint Club Headed by Fellers

As a result of several meetings of members of the paint industry in Houston, Texas, following the visit, some six months ago, of Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, a local affiliate of the national body has been organized in that city.

The officers of the new Houston Paint, Varnish and Lacquer Association are:—President, Morgan Fellers, of the Cook Paint & Varnish Company; vice-president, J. Barry York, of the Pittsburgh Plate Glass Company; secretary-treasurer, W. J. Bullock, of the James Bute Company.

Railroads Modify Rules On Demurrage, Storage

OPD Washington Bureau
August 15, 1939

With a view of aiding the railroads to hold or regain regular freight traffic the Association of American Railroads has modified its demurrage and storage rules. The amendments, which will become effective October 1, according to the car service division of the association, liberalize the existing rules so as to furnish shippers and receivers of freight greater leeway in the time allowed for loading or unloading freight, or claiming less-than-carload lots at destination, and also to encourage the loading of freight cars more nearly to capacity.

The changes were made at the suggestion of the Regional Shippers Advisory Boards, the National Industrial Traffic League, and individual shippers and receivers of freight and have been approved by the general committee of the operating-transportation division of the association.

Among the amendments made is one which allows a receiver of less-than-carload freight five days in which to claim the freight after being received at destination before it is subject to

—Continued on page 46

National Lead to Build Brooklyn Linseed Oil Mill

The National Lead Company, this city, will begin construction of a linseed oil mill at its Brooklyn plant in September. The new mill will replace the old building that was destroyed by fire earlier this year.

The new structure will be two stories of steel and concrete and will be fireproof throughout. It will house 36 presses, with a total annual output capacity of 3,000,000 gallons. The entire top floor will be used as a seed bin and will be able to hold 25,000 bushels. Two silos, to hold approximately 200,000 bushels of seeds, will be located directly outside the building on the company's dock at Hudson avenue.

J. W. Young Made Head Of Commerce Bureau

OPD Washington Bureau
August 16, 1939

James W. Young has been named director of the Bureau of Foreign and Domestic Commerce by President Roosevelt, succeeding Alexander V. Dye, who recently resigned after three years to become commercial attache in London.

Mr. Young was born in 1886 in Covington, Ky., and was educated in public schools. He started his business career with the Western Methodist Book Concern, Cincinnati, remaining with that organization for ten years. From 1910 to 1911 he was mail sales manager of the Ronald Press Company, publisher of business books, New York, and in 1912 to 1929 he was associated with the J. Walter Thompson Company, advertising agent, holding successively the positions of copywriter, branch office manager in Cincinnati, vice-president in charge of production in New York, senior vice-president in charge of Western offices, and organizer and supervisor of foreign offices.

Mr. Young was president of the American Association of Advertising Agencies in 1927, and in 1929 retired

—Continued on page 34

Peanut Diversion Continuance Asked

OPD Washington Bureau
August 16, 1939

A recommendation that the peanut diversion program be continued for the 1939 harvest season on substantially the same basis as last year was made to the Department of Agriculture today by a conference of the entire industry after a two-day session.

The conference was attended by representatives of peanut growers' cooperative associations in Virginia, North Carolina, Georgia, and Texas, as well as individual growers, shellers, crushers, dealers, and confectioners. Details will be worked out by the department staff and a complete announcement of the program will be made in a few days.

Under this program the cooperatives purchase approved quantities of edible grade peanuts from growers at prices scheduled by the department, and sell them to crushers for their oil and meal value. The department pays the cooperatives the difference between the purchase price plus handling costs and the price received from crushers. Last year the schedule price was approximately $65 per ton.

Under the 1938 crop diversion program, 129,000 tons of peanuts were handled at a cost to the government of $3,400,000 and an estimated price increase to growers of between $15,000,000 and $18,000,000.

'Oil Trust' Probe Set for Sept. 18

OPD Washington Bureau
August 18, 1939

Hearings on the oil industry are tentatively set for September 18 by the Temporary National Economic Committee, according to Senator Joseph C. O'Mahoney, chairman of the committee.

In addition to the prepared statements submitted by prospective witnesses for the American Petroleum Institute, a number of other persons have submitted statements and asked to be heard in connection with the oil investigation.

Mexican Oil Dispute Appears Stalemated

OPD Washington Bureau
August 16, 1939

Negotiations for settlement of the Mexican oil dispute appear stalemated in spite of a warning issued earlier this week by Sumner Welles, Acting Secretary of State, asking an early settlement.

American oil companies, as far as can be ascertained, have taken no steps to resume negotiations, while dispatches from Mexico indicate that the government there is not inclined to yield in its position.

The statement of Mr. Welles, said to have been issued with the full approval of Secretary Cordell Hull who is on vacation, expressed regret that both the American companies whose properties were expropriated and the

—Continued on page 52

CALOMEL
CORROSIVE SUBLIMATE
MERCURIAL OINTMENT
MERCURY METAL
MERCURY AMMONIATED
MERCURY BISULFATE
MERCURY IODIDE RED & YELLOW
MERCURY OXIDE RED & YELLOW
MERCURY SALICYLATE

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs., a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100 lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M).
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 50%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls..lb. .40 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.56 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .69
dms., 4,600 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - (57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
powd., bbls., contracts, 80 tons, dlvd., ton..111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., dlvd.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .12½- .13
Chlorosulphonic, dms., c.l., works..lb .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N. Y..lb. .15½- —
l.c.l., 5 tons, dlvd. N. Y. lb. .15¾- —
Dms., smaller quantities, dlvd., N. Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., grain., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhyd., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dms. .....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06½- .07
tanks .....lb. .06 - —
Cresylic, high-boil, dom., c.l., works, frt equid..gal. .49 - —
l.c.l., same basis.....gal. .50 - —
Special blends, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .55 - —
l.c.l., same basis.....gal. .56 - —
imported, pale, dms.....gal. .48 - .54
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital)
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls.....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct., cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13¾
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade .....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .12¾- .13¼
Laurent's, bbls. .....lb. .45 - —
Linseed oil, dark, dms.....lb. .10 - .10½
light, dms.....lb. .11 - .11½
extra white, dist., dms....lb. .12¼- .12¾
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots. .....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit...lb. .05 - .06
sulphuric unit .....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l. 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9 works..100 lbs. 2.70 - —
tanks works .....100 lbs. 1.15 - —
Muriatic, 22°, cbys., c.l., E. works..100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works....100 lbs. 3.20 - —
tanks, works .....100 lbs. 1.65 - —
cryst., gran., bbls., car lots.lb. .21 - —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .06 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9 works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works.. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works.. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP., dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06½- .06¾
tanks .....lb. .05¾- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347 cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.65
resubl. cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech. dms., c.l., works....lb. .27 - —
l.c.l., dms., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11⅛
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dwd..lb. .10⅝- .11⅛
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100lbs. 1.25 - —
l.c.l., 25 and over, works. 100lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
l.c.l., 25 and over, works.. 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP, dealers, cbys...lb. .06¼- —
9-lb. bots.....lb. .16¼- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms.....lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.— 100-lb. lots.....lb. .90 - —
25-lb. lots.....lb. .93 - —
powd., bbls., 1,000 lbs.....lb. .78 - —
smaller lots.....lb. .80 - —
Tartaric, USP, dom., cryst. gran., powd., bbls., 10,000 lbs. or more, one shipment. lb. .27½- —
kgs. .....lb. .28½- —
smaller quantities.....lb. .27¾- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., wks.....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls. .....lb. .25 - .26
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. 1.50 Nom.
3, bls.....lb. No prices
Agaric, white, bls .....lb. 3.00 Nom.

Acacia—Aldehyde Bisulphite

Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .53 - .60
import, bgs.....lb. .60 Nom.
egg, ed., dom., cryst., bbls..lb. .58 - 62
dom., pwd., dms., bbls., lb. .63 - .67
import, cs. .....lb. .63 - .66
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .12½- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
tankwagon, frt. alld.....lb. .07½- —
secondary, dms., c.l., frt. pd., E. of Miss. R.....lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
tertiary, denaturing, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .27½- —
l.c.l., works, dms.....gal. .31½- —
tanks, E., works.....gal. .21½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .26½- —
19 bbls., E. works...gal. .28½- —
1 to 18 bbls., E. works, gal. .31½- —
dms., c.l., E. works....gal. .25½- —
19 dms., E. works...gal. .27½- —
gal. .30½- —
tanks, E. works.....gal. .19½- —

Anhydrous, 2c. per gal. higher.

SD-2B., dms., c.l., works, E. gal. .24½- —
19 dms., works, E...gal. .26½- —
1 to 18 dms., works, E. gal. .29½- —
tanks, E., works.....gal. .18½- —
SD2B-G, works, E., dms..gal. .30 - —
19 dms. .....gal. .32 - —
1 to 18 dms.....gal. .35 - —
tanks .....gal. .24 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works..gal. .26½- —
20 dms., E. works...gal. .28½- —
1 to 19 dms., E. works, gal. .31½- —
tanks, E. works.....gal. .20½- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Dimcetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.53 - —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.49 - —
19 dms.....gal. 4.55½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.46 - —
absolute, dms., c.l.....gal. 4.84½- —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —

Grain alcohol 25c. gal. higher.

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .0680- —
l.c.l., same terms.....lb. .0730- —
tanks, same terms.....lb. .0580- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .65 - —
55 gal., c.l., same basis.gal. .33½- —
l.c.l., same basis....gal. .38½- —
tanks, frt., alld.....gal. .28½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.25
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
400 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —

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Aldol—Black, Carbon

Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works..lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs..lb. .37 - .38
Alizarin (see Red, alizarin).
Alkanet root, bgs..lb. .11 - .12
Aloe, Barbados, true, cs..lb. .85 - .90
Cape, cs..lb. .18½ - .20
Curacao, cs..lb. .43 - .44
gourds, bbls..lb. .80 - .85
Socotrine, kgs..lb. .43 - .45
Aloin, 140-lb. bbls..lb. 2.95 - —
100-lb. kgs..lb. 2.97 - —
25-lb. fib. dms..lb. 3.04 - —
Alphanaphthol, bbls..lb. .52 - —
Alphanaphthylamine, bbls..lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .30 - .32
peeled, bls..lb. .24 - .26
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works..100 lbs. 3.15 - —
dlvd. N.Y., Phila..100 lbs. 3.15 - —
lump, bbls., works..100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works..100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works..100 lbs. 3.65 - —
dlvd, N.Y., Phila..100 lbs. 3.65 - —
powd., bbls. works..100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd. ..100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. ..lb. .09 - —
22%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd. ..lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works..lb. .09 - —
100 lbs., or less, works..lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works..lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works..lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. ..lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works..lb. .03¼- —
bgs., c.l., works..lb. .0260- —
light, bgs., c.l., dlvd..lb. .12 - —
l.c.l., bgs., dlvd..lb. .12½- —
bbls., c.l., dlvd..lb. .12½- —
l.c.l., bbls., dlvd..lb. .13 - —
Oleate, dms., contr..lb. .16¾- —
open order ..lb. .17½- .18¼
Palmitate, precip., bbls..lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .16 - —
l.c.l., ton ..lb. .17 - —
less than ton..lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.30 - —
l.c.l., works..100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c.l..lb. .20 - —
l.c.l. ..lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs....lb. .70 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 60,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins..oz.17.00 -26.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs..lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd..lb. .23 - .26
Aldehyde, dms..lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys..lb. .05 - —
dms., c.l. ..lb. .02 - —
l.c.l. ..lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit, lb. .04 - —
Ammonia, aqua, grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit ..lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less..lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less..lb. .42 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls..lb. .30 - .32
Bifluoride, bbls..lb. .14½- .16¼
Borate, bbls., kgs..lb. .15 - .16
Bromide, gran., bbls..lb. .35 - —
bxs. ..lb. .38 - .39
kgs. ..lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .13¼
imported, csks. ..lb. .06 - .13¼
USP, lump, dms..lb. .08 - .17
powd., bbls., dms..lb. .09 - .35
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .13 - .18
100 lb. kgs. ..lb. .15 - —
Citrate, dms..lb. .35 - —
cns. ..lb. .35 - —
Fluoride, bbls..lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, dms..lb. 1.25 - 1.27
jars ..lb. 1.35 - —
Iodide, 5-lb. bots..lb. 3.52 - —
jars ..lb. 3.45 - —
Linoleate, 50%, anhyd., bbls. lb. .11 - —
Molybdate, kgs., wks..lb. 1.05 - 1.20
Nitrate, tech., bgs., c.l., works 100 lb. 3.60 - —
l.c.l., works..100 lbs. 3.85 - —
bbls., c.l., works..100 lbs. 3.80 - —
l.c.l., works..100 lbs. 4.05 - —
Oleate, dms..lb. .11 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran..lb. .32 - —
Perchlorate, kegs ..lb. .16 - .18
Persulphate, ..lb. .21 - .23
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. ..lb. .39 - —
tech., bbls., c.l..lb. .07½- —
l.c.l. ..lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. ..lb. .40 - .45
tech., bbls., c.l..lb. .07½- —
l.c.l. ..lb. .09 - .10
Salicylate, U.S.P., kgs..lb. 1.15 - 1.20
Silicofluoride, im., 350-lb. bbls., f.o.b. N.Y..lb. .09 - —
5 bbls., same basis..lb. .08½- —
Stearate, anhydrous ..lb. .22 - —
paste ..lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. Aug. shipt..ton.26.75 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works ..lb. .12 - .13
tanks, dlvd. ..lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works..lb. .05½- —
yellow, 32%, cbys., works..lb. .07½- —
dms., works..lb. .05½- —
Sulphocyanide, pure, 96-100%, kgs..lb. .55 - .73
Ammoniac, gum (see Gum, ammoniac).
sal. gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. ..100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks. ..100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .11½- .13½
l.c.l., dlvd. ..lb. .12 - .14
tanks, dlvd ..lb. .10½- .12½
cns., works..lb. .16 - .18
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld..lb. .11½- —
tanks, frt., alld..lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns..lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works..lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works ..lb. .0665- —
tanks, works ..lb. .0465- —
Nitrite, bots..lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works..lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .25 - —
Salicylate, bots., 5 lbs..lb. .61 - —
cns., 25 lbs..lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works..lb. .11 - —
tanks, works..lb. .09 - —
Anethol, bots. ..lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .20 - .21
import, natural, bls.....lb. .20 - .22
twisted, bls. ..lb. .28 - .30
Angostura bark, bls..lb. .80 - .81
Anilin oil, dms., c.l..lb. .15 - —
l.c.l. ..lb. .16 - —
tanks ..lb. .14½- —
Salt, dms., works..lb. .22 - .24
Anise, Spanish, bgs..lb. .16 - .16½
Star, bgs. ..lb. .15 - .16
Anisic aldehyde, bots..lb. 3.00 - 3.10
Annatto paste, bxs..lb. .34 - .39
seed, bgs..lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks..lb. .65 - —
Anthraquinone, 99.6%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot ..lb. .12 - —
Needle, powd., ton lots, bulk, lb. .12 Nom.
bbls., kgs..lb. .14 - .16
Oxide, bgs., c.l., dlvd..lb. .10 - .11
l.c.l., ex whse..lb. .10½- .11¾
Salts, 65%, kgs..lb. .25¾- .27
White pigment, bgs., f.o.b. Laredo, Tex..lb. .11½- .14½
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots..lb. 2.10 - 2.15
Apomorphine, bots..oz.23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls..lb. .18 - .20
triple, bbls..lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .11
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 95%, basis 100%, 100 kgm., purity, 100 kilos.32.00 -34.00
Arnica flowers, bls..lb. .27 - .28
Root, bls. ..lb. .36 - .37
Arrowroot, St. Vincent, powd., bgs..lb. .06 - .06¾
bbls. ..lb. .06½- .08
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars ..lb. 5.20 - —
Red, import, cs..lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. ..lb. .03¾- —
Asafetida, cs. ..lb. .23 - .24
powd., bbls., bxs..lb. .40 - .45
Asbestine (see Talc, N. Y. fibrous)
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.43.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs. c.l. (30 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (30 tons) Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points. ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. ..oz. 4.50 - 5.00
Sulphate, bots. ..oz. 2.60 - —
cns. ..oz. 2.50 - —

B

Balm of Gilead buds, bgs.....lb. .36 - .40
Barberry bark, bgs..lb. .17½- .18
Tree bark, bls..lb. .09 - .10
Barbital, cs..lb. 3.00 - 3.10
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton.41.00 -43.00
90% thru 200 mesh, bgs., c.l., works..ton.43.00 -45.00
precip., bgs., c.l., works..ton.52.50 - —
Chicago ..ton.55.00 - —
l.c.l., works..ton.57.50 - —
Chicago ..ton.60.00 - —
bbls., c.l., works..ton.57.50 - —
Chicago ..ton.60.00 - —
l.c.l., works..ton.62.50 - —
Chicago ..ton.65.00 - —
sulphur-free, bgs., c.l., works, ton.57.50 - —
l.c.l., works..ton.62.50 - —
Chlorate, sgs..lb. .16¼- .17½
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs. ..lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis. ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —
bbls., l.c.l., bgs., same basis..ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis.ton.96.00 - —
obls., same basis..ton.98.00 - —
Dioxide, dms. ..lb. .11 - .15
Fluoride, bbls..lb. .11½- .12¼
Fluosilicate, bbls..lb. .11¼- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls. ..lb. .04½- .05
Iodide, bots..lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks..lb. .06¾- .07¼
Oxide, dms..lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls..lb. .09½- .10
kgs. ..lb. .12 - —
Barytes, dom., doated, bbls., c.l., St. Louis..ton.28.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago ..ton.31.15 - —
Cleveland ..ton.33.50 - —
New York..ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston ..ton.31.70 - —
Philadelphia ..ton.30.50 - —
ex whse., Baltimore..ton.32.10 - —
Boston ..ton.35.20 - —
Chicago ..ton.30.85 - —
Cleveland ..ton.33.00 - —
Detroit ..ton.33.00 - —
Kansas City ..ton.30.93 - —
Los Angeles ..ton.42.00 - —
New York..ton.33.50 - —
Philadelphia ..ton.31.90 - —
San Francisco..ton.42.00 - —
Toronto ..ton.39.80 - —
Barytes, southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines..ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
German, ungrd., bulk, c.l., ex dock..ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom
l.c.l., ex whse. .....ton.32.50 - —
Bauxite, bulk, mines..ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs..lb. .13 - .15
Belladonna leaves, bls.....lb. .12 - .15
Root, bls. ..lb. .17 - .20
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works..ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs..lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls..lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .25 - .30
Peroxide, pure, gran., fib. ctns., works..lb. 1.93 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. ..lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .71 - —
dms. ..lb. .67 - —
Chloride, 96.97%, refd., dms., lb. .19 - .21
Cinnamate, cns. ..lb. 4.15 - 5.00
Formate, cns..lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb.16.75 - —
Hydrochloride, cns. .....lb.16.75 - —
Sulphate, cns. ..lb.16.75 - —
Berberis root, bls..lb. .11 - .13
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms..lb. 2.10 - —
kgs. ..lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls. ..lb. .16 - .21
Bismuth chloride, 5-lb. bots...lb.3.20 - 3.35
Citrate, USP, VIII, 5-lb. bots., lb. 3.76 - —
jars ..lb. 3.65 - —
Bismuth, hydroxide, 5-lb. bots..lb. 3.27 - —z
cns. ..lb. 3.16 - —
Metal, ton lots..lb. 1.10 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. ..lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs. ..lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.26 - —
fib., dms..lb. 1.18 - 1.19
Subcarbonate, bots., cns.....lb. 1.52 - 1.78
fib. dms. ..lb. 1.43 - 1.48
X-ray, 5-lb. bots..lb. 2.42 - —
fib. dms. ..lb. 2.26 - —
Subgallate, bots., cns.....lb. 1.37 - 1.38
fib. dms. ..lb. 1.58 - 1.61
Subiodide, cns. ..lb. 3.91 - —
fib., dms. ..lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.32 - 1.58
fib. dms. ..lb. 1.23 - 1.28
Subsalicylate, 52-56%, bxs...lb. 2.44 - —
bbls., fib. dms. ..lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms. ..lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. ..lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. ..lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms. ..lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .13 - —
l.c.l., frt. alld. E.....lb. .13¼- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., .l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E...lb. .06¾- —
l.c.l., frt. alld. E.....lb. .08 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .06¾- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .06¾- .0675
bgs., ctns., l.c.l., dlvd...lb. .06¾- —
cs., l.c.l., dlvd. ..lb. .07¼- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd. ..lb. .10½- —
3, bgs., c.l., works.....lb. .12 - —
l.c.l., dlvd. ..lb. .14½- —
cs., l.c.l., dlvd. ..lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works..lb. .29 - —
l.c.l., dlvd. ..lb. .23 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd. ..lb. .44 - —
6, cs., l.c.l., dlvd. ..lb. .60 - —
7, cs., l.c.l., dlvd. ..lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .05¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal) 50,000 lbs., dlvd., Zone C (Pac. Cst., States)..lb. .0310- —
80,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0285- —
D (Ill., Ia., Wis.)..lb. .02¾- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G. (Mexico) f.o.b. border..lb. .03 - —
Zone G, f.o.b. N. Orleans..lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06½- —

Black, carbon, standard, bulk, tanks, same price as bags in each zone.
cs., l.c.l. dlvd.....lb. .07 - —
export, full compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .50 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .19 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y.....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A. bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05¼- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .20 - .21
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l...ton.60.00 - —
l.c.l. .....ton.65.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
pulp 66⅔%, bulk, c.l., works, ton 40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.50 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 2.30 - —
import, bgs., c.i.f. ports, shpt., unit-ton. 2.65 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .27
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefag root, bls. .....lb. .13 - .14
Blue mass, USP., cns.....lb. 1.10 - —
powd., cns.....lb. 1.12 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works..100 lbs. 4.25 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.40 - —
6-15 bbls., same basis, 100 lbs. 4.50 - —
1-5 bbls., same basis, 100 lbs. 4.75 - —
monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 8.65 - 8.90
l.c.l. dealer.....100 lbs. 9.65 - 9.90
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.27.00 - —
import, bgs., c.i.f. ports.ton.24.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.26.00 - —
import, 100-lbs. bgs., c.i.f ports, shipt..ton.23.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago..ton.26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.24.50 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .16 - .17
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
Borax, tech., gran., sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
pewd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .55
moulding, cns., dms., over 10 lbs..lb. .65 - .80
Bronze, printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, iron oxide, bbls., works, lb. .02¾- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis..lb. .11¼- —
3, bbls., same basis..lb. .10¼- —
4, bbls., same basis..lb. .09¾- —
5, bbls., same basis..lb. .08¾- —
6, bbls., same basis..lb. .08¼- —
7, bbls., same basis..lb. .08 - —
8, bbls., same basis..lb. .07¾- —
9, bbls., same basis..lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¼- —
12, bbls., same basis..lb. .06 - —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02½- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
umber, American, bbls., works, lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
Boston .....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle .....lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .32 - .33
Buckthorn bark, true, bls....lb. .06 - .06½
cut and sifted, bbls.....lb. .9 - .11
Berries, bgs. .....lb. .16 - .17
Burdock root, bls.....lb. .10 - .10¾
Burgundy pitch, dom., bbls...lb. .05 - .05¼
Butanes, comi., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .12½- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, contract, frt. alld..lb. .07 - —
tankwagons, frt. alld.....lb. .07½- —
secondary, dms., c.l., frt. pd. E. of Miss. R...lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .75 - —
5 & 10 gal. dms., dlvd....lb. 1.00 - —
Butyl, ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .75 - —
Butyric ether, bots.....gal. 6.60 - 6.95
ord., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots.....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, pat. shapes, cs.....lb. .60 - —
ingots, or sticks.....lb. .55 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb., 10,000 lbs. or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs .....lb. 2.56 - —
10-lb. cans, 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs. or more.....lb. 2.30 - —
1,000 lbs. or more.....lb. 2.35 - —
100 lbs. .....lb. 2.40 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs. or more lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.80 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .20 - .21
Calamus root, peeled, N.F., cs. lb. .15 - .17
bleached, bls.....lb. .45 - .50
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, USP, gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, for shipment during July, August, September, ton.27.25 - —
Palmitate, bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l. bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works., 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls.,200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .26 - .27
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.52 - —
Camphor, natural, powd., cs...lb. .47½- .48
slabs, cs.....lb. .48 - .48½
tablets, tins.....lb. .54 - .54½
synth, dom., tech., bbls., contract, 2,000 lbs., or more, works..lb. .35 - —
smaller lots, works....lb. .40 - —
USP, or import., gran., powd., bbls., 2,000-lb. lots....lb. .46 - —
1,000-lb. lots.....lb. .47 - —
smaller lots.....lb. .48 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .0380- .0410
Morocco, bgs. .....lb. .04 - .04½
Turkish, bgs. .....lb. .0380- .0410
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .90 - .92
powd., bxs.....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .09 - .09½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller qaantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l. same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .98 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l.,frt. alld.....gal. 1.20 - —
Zone 4, 52½ gal. dms., c.l., gal. .93 - —
l.c.l. .....gal. .99 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Miss., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs.....lb. .71 - .72
green, bgs. .....lb. .50 - .52
Carob bean flour (see Gum, Locust bean).
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .10 - .11
Case-hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —

Black Carbon—Chloropicrin

Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .12 - .12½
5 tons, works.....lb. .13½- .14
smaller lots, works.....lb. .15¼- .15½
80-100 mesh, bgs., c.l., dlvd., lb. .12½- .13
5 tons, works.....lb. .14 - .14½
smaller lots, works.....lb. .15¼- .15½
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .11½- .12¼
80-100 mesh, bgs., c.l., duty paid..lb. .12 - .12¾
French, 30 mesh, bgs., c.l., duty paid..lb. .09¼ Nom
Cassia, Batavia, 1, bgs.....lb. .16 - .16½
shortstick, bls.....lb. .12½- .13
broken, bls.....lb. .10½- .10¾
China, rolls, select, bls.....lb. .08 - .08¼
broken, extra, bls.....lb. .07¾- .08
Saigon, bls.....lb. .15 - .15¼
Cassia, buds, cs.....lb. .14½- .15
Cassia fistula, bskts.....lb. .08 - .09
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.i.f., ports, shipment..ton.18.00 - —
Catnep leaves, Southern, bls...lb. .18 - .20
western, bls.....lb. .20 - .21
Celery seed, French, bgs.....lb. .14 - .14½
Indian, bgs.....lb. .12 - .12¾
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., cs., 5,000 lbs. and over, frt. alld..lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works..lb. .37 - —
Acetobutyrate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .485 - —
2,500 to 4,986 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .53
Acetopropionate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,950 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb. .515- —
100 to 900 lbs.....lb. .525 - .54
Triacetate, flake, cs., 5,000 lbs. and over, frt. alld...lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .21 - .27
Roman, bls.....lb. .28 - .32
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla., Tex. (except El Paso)...ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.66.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01⅝- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .06¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi, 180-lb. cyls., works..lb. .80 - —
100 lb. cyls., works.....lb. .85 - —
5-25 lb. cyls., works.....lb. 1.00 - 1.15

Chrome Acetate—Ethyl Crot.

Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½% cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.14.00 -15.00
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .43 - —
scales, dms., 100 lbs.....lb. .46 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .50 - .55
20 in., thick, cs.....lb. .60 - .65
20 in., medium, cs.....lb. .55 - .60
USP, broken quill, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .25 - .26
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .14 - .14½
3 bls.....lb. .13½- .14
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .72 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.00 - 1.05
Clove, Madagascar, bls.....lb. .14½- .14¾
Zanzibar, bls.....lb. .16 - .16½
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. 1.76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms.....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocoa butter, bulk, c.l., bgs...lb. .10¼- .10½
Cocillana bark, bgs.....lb. .14 - .15
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06½- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.18.00 - —
single ozs.....oz.19.00 - —
Colchicum seed, bgs. .....lb. .24 - .25
Collodion, USP, dms., 825 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 825 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .26
Colombo root, bls.....lb. .07 - .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S. A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14 - .15
20%, bbls.....lb. .10¼- .11¼
Chloride, cryst., bbls.....lb. .12½- .13½
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10½- —
Nitrate, cryst., bbls.....lb. .1480- .1530
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80% bbls., tons, works..lb. .15 - .16
Red, com'l., 80-88%, kgs., f.o.b. N. Y..lb. .15¾- .16¾
Rosinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0160 Nom.
Coriander seed, Morocco, bgs..lb. .03½- .04
bleached, bgs.....lb. .06 - .06½
Corn sugar, Tanner's chipped, bgs., c.l., dlvd..100 lbs. 2.94 - —
slabs, bbls., c.l.....100 lbs. 2.86 - —
solid, bbls., c.l.....100 lbs. 2.98 - —
Syrup, 42°, bbls., c.l....100 lbs. 2.97 - —
43°, bbls., c.l.....100 lbs. 3.02 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.32 - —
gran., powd., dms., 50 lbs. or more..lb. 1.17 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash. bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .19 - .21
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .22¼- —
smaller lots, bbls.....lb. .22¾- —
kgs.....lb. .23¼- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .15 - .16½
Cresol, USP, dms., c.l., works.lb. .09½- —
l.c.l., same basis.....lb. .10 - —
special resin grade, dms., c.l., works..lb. .08¼- —
l.c.l., same basis.....lb. .08¾- —

Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .14 - .16
Cumin seed, Algerian, bgs....lb. .08 - .08¼
Morocco, bgs.....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04 - —
Cyanamide, 22%, N_2, pulv., bgs., dlvd., contracts, N_2, unit ton. 1.27½- —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls...lb. .14 - .15
Deertongue leaves, bls.....lb. .09 - .10
Degras, common, dom., bbls...lb. .07 - .09
English, bbls.....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls.....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk cns....lb. 2.25 - 3.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
white, bgs., c.l., f.o.b. Chicago—100 lbs. 3.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.50 - —
Potato, import, bgs.....lb. .07 - .07½
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.22.00 -23.00
Dibutylamine, dms., c.l., works, lb .50 - —
l.c.l.....lb. .51 - .53
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .23¾
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l.....lb. .04 - —
tanks.....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 90%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l.....lb. .19½- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .33 - .34
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .35 - .36
Diglycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Diliseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —

Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms. .....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls. .....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood bark, Jamaica, bls., lb. .06 - .07
colors (numbers are those of Colour Index scale):—
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified
Blue:—
Brilliant blue FCF, cans, lb.13.50 - —
1180 Sodium indigo disulphonate, cns..lb.13.50 - —
Green:—
Fastgreen FCF, cns..lb.27.50 - —
666 Guinea green B., cns. lb.13.50 - —
670 Light green SF, yellowish, cns..lb.17.50 - —
Orange:—
150 Orange I, cns.....lb. 2.90 - —
Red:—
184 Amaranth, cns.....lb. 3.15 - —
773 Erythrosin, cns.....lb.17.50 - —
80 Ponceau 3R, cns.....lb. 6.00 - —
Ponceau SX, cns.....lb. 5.75 - —
Yellow:—
10 Naphthol yellow S, cns.lb. 8.50 - —
Sunset yellow FCF, cns. lb. 3.15 - —
640 Tartrazin, cns.....lb. 3.15 - —
22 Yellow AB, cns.....lb. 2.65 - —
61 Yellow OB, cns.....lb. 2.65 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B..lb. .80 - .85
324 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
384 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet 4B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN.lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
588 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin.....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base...15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown.....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade.lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
844 Nigrosin.....lb. .40 - —
Blue:—
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Dyes, coaltar, water soluble (numbers are those of the Colour Index)
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. pe. lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.60 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .69 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX.lb. .72 - .76
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .59 - .62
imported .....lb. .55 - —
Elder flowers, bright, bls.....lb. .19 - .21
Elecampane root, bls.....lb. .09½- .10
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .21 - .22
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls.....lb. .08 - .09
Ephedrine, tins, 1,000 ozs....oz. 1.75 - —
tins, 100 ozs.....oz. 1.85 - —
Hydrochloride, tins, 1,000 oz., lots..oz. 1.25 - —
tins, 100 oz., lots.....oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 with drawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.60 - —
smaller lots....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .09
Ergot, USP, cns., dms.....lb. 1.35 - 1.40
Eserine, bots.....oz.35.00 - —
Salicylate, bots.....oz.27.00 - —
Sulphate, bots.....oz.28.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., dlvd.....lb. .24½- —
l.c.l., dlvd.....lb. .25 - —
cns.....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld.....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
95-98%, dms., c.l., frt. alld.lb. .0685- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0585- —
N. F., VI, 90%, dms., 400 lbs..lb. .08 - —
cns., 35 lbs.....lb. .12 - .13
USP, VIII, 90%, dms., 460 lbs. lb. .07 - —
cns., 35 lbs.....lb. .12 - —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .75 - —
5 and 10 gal. dms., dlvd...lb. 1.00 - —

Ethyl, formate, cns., dms.	lb.	.23 -	.24
iodide, bots.	lb.	5.01 -	—
Lactate, 55-gal. dms., works.	lb.	.33½-	—
5-gal. dms., works	lb.	.37½-	—
Oxalate, dms., frt. alld.	lb.	.25 -	—
Silicate, l.c.l., dms., works.	lb.	.77 -	—
Vanillin, 25 lbs. lots., cns.,	lb.	6.00 -	—
5-lb. lots	lb.	6.05 -	—
1-lb. lots, cns.	lb.	6.15 -	—
Ethylcellulose, contracts, bgs., c.l., frt. alld.	lb.	.45 -	—
contracts, 500 lbs. or more, frt. alld.	lb.	.47 -	—
500 lbs. or more, frt. alld.,	lb.	.48 -	—
100 to 499 lbs., frt. alld.,	lb.	.50 -	—
smaller lots, works	lb.	.55 -	—
Ethylene bromide, dms	lb.	.65 -	.70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0545-	.0550
West of Rockies, same basis	lb.	.0595-	.06
l.c.l., works, E. of Rockies, frt. alld.	lb.	.0644-	.0650
West of Rockies, same basis	lb.	.0694-	.07
Ethyleneglycol, dms., c.l.	lb.	.16 -	—
l.c.l.	lb.	.17 -	.20
tanks	lb.	.15 -	—
Monobutylether, dms., c.l., works	lb.	.18 -	—
l.c.l., works	lb.	.19 -	.22
tanks, works	lb.	.17 -	—
Monoethylether, dms., c.l., works,	lb.	.15 -	—
l.c.l., works	lb.	.16 -	—
tanks, works	lb.	.14 -	—
Monoethylether, acetate, dms., c.l., works	lb.	.18 -	—
l.c.l., dms.	lb.	.14 -	—
tanks, works	lb.	.12 -	—
Monomethylether, dms., c.l., works	lb.	.17 -	—
l.c.l., works	lb.	.18 -	—
tanks, works	lb.	.16 -	—
Ethylidinamilin, dms	lb.	.45 -	.47½
Eucalyptol, cns., dms	lb.	.57 -	.59
Eucalyptus leaves, bls	lb.	.07 -	.08
Eugenol, bgs., cns	lb.	1.70 -	2.15
Euphorbia, bls	lb.	.05 -	.06

F

Feldspar, enamel, 100 mesh, bulk, works	ton.	14.00	-17.50
glass, 20 mesh, bulk, works	ton.	9.75	-13.25
pottery, bulk, Me., works	ton.	17.00	-19.00
N.C. works	ton.	17.00	-19.00
Fennel seed, French, type, bgs.,	lb.	.07¼-	.07½
Indian, bgs	lb.	.07¼-	.07½
German, large, bgs	lb.	.18	Nom.
Fenugreek seed, bgs	lb.	.03¼-	.03½
Ferric Sulphate, anhyd., c.l., works	ton.	35.00 -	—
l.c.l.	ton.	40.00 -	—
Film scrap, colors, dark, cs., 1,000 lbs., or over, works	lb.	.09½-	—
smaller lots, works	lb.	.10½-	—
light, cs., 1,000 lbs. or over, works	lb.	.10½-	—
smaller lots, works	lb.	.11½-	—
water white, cs., 1,000 lbs., or over, works	lb.	.11½-	—
smaller lots, works	lb.	.12½-	—
Fir balsum Canada, cns.	gal.	10.50	-11.00
Oregon, bbls	gal.	.85 -	.90
Fish berries, bgs	lb.	.08 -	.09
Fish scrap, menhaden, dried, 11-12% ammon., 13% bone phos., bulk, Chesapeake factories, contracts, futures	unit-ton.	3.35 &	.10
11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	50.00 -	—
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts	unit-ton.	2.35 &	.50
sardine, meal, Japanese, 11½% ammon., bxs., c.i.f. ports, Aug., shipt.	ton.	46.50 -	—
spot	ton.	47.50 -	—
Flake, white, bbls., kgs	lb.	.10¼-	—
Fleaseed, French, black, bgs.	lb.	.09 -	.09½
Indian, blonde, bgs	lb.	.05 -	.05½
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines,	net ton.	30.00	-31.60
washed gravel, 85-5, f.o.b. Ill.-Ky. mines	net ton.	17.00	-18.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines	net ton.	18.00	-19.00
imported, 85.5, duty paid, short	ton.	21.50	-22.00
Formaldehyde, bbls., c.l., works,	lb.	.05¾-	—
l.c.l. works	lb.	.06¼-	—
dms., c.l., works	lb.	.05¾-	—
l.c.l., works	lb.	.05¾-	—
tanks, works	lb.	.04¼-	—
Fringetree bark, bls	lb.	.12 -	.14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines	ton.	10.00	- —
import, bgs., c.l., ex dock	ton.	23.00	- —
l.c.l., ex whse	ton.	30.00	- —
Furfural, refd., dms., c.l., works,	lb.	.15	- —
l.c.l., works	lb.	.17½-	.25
tech., dms., contracts, 150,000 lbs.	lb.	.10	- —
c.l., works	lb.	.12½-	—
l.c.l., works	lb.	.15	- .20
tanks, works	lb.	.09	- —
Fusel oil, refd., dms., incl., divd.,	lb.	.15	- .16¾
Fustic extract, cryst., bbls	lb.	.22	- .26
liquid, bbls	lb.	.09½-	.13
solid, dms	lb.	.17½-	.19½

G

G salt, bbls	lb.	.45 -	—
Galangal root, bls	lb.	.09 -	.10
Gambier, common, cases	lb.	.06¾	Nom.
plantation, cases	lb.	.08 -	.09
Cubes, Singapore, cases	lb.	.08½-	.09½
extract, bbls	lb.	.06½-	.09¼
Gasoline, at refinery:— Bayonne, US motor, below 65 octane, tanks	gal.	.06½-	.06¾
65 octane and above, tanks,	gal.	.06¼-	.06½
California, 54-58, tanks	gal.	.06½-	.08
Gulf Coast, U.S. Motor, bulk,	gal.	.05¾-	—
60-62, 390 e.p., bulk, export,	gal.	.05¾-	—
60-62, 400 e.p., bulk, export,	gal.	.05½-	—
64-66, 375 e.p., bulk, export,	gal.	.05¾-	—
Louisiana-Arkansas, US motor, 62 octane, tanks	gal.	.04 -	.04¼
63-66 octane, tanks	gal.	.04¼-	.04½
67-69 octane, tanks	gal.	.04½-	.04¾
70-72 octane, tanks	gal.	.04¾-	.05¼
Oklahoma-Texas, US motor, 62 octane and below, tanks	gal.	.04¾-	.04¾
third grade tanks	gal.	.04½-	.04¾
63-66 octane, tanks	gal.	.04¾-	.05
67-69 octane, tanks	gal.	.04¾-	.05¼
70-72 octane, tanks	gal.	.05¼-	.05½
Gasoline, at refinery, Oklahoma-Texas, natural, 12-lb. v.p., tanks	gal.	.03⅝-	.03⅞
14-lb. v.p., tanks	gal.	.04 -	—
18-lb. v.p., tanks	gal.	.03⅞ -	.03⅛
22-lb. v.p., tanks	gal.	.03⅛-	—
26-70 lb. v.p., tanks	gal.	.03⅜-	.03½
below 60 octane tanks	gal.	.04⅜-	.05¼
65 octane, tanks	gal.	.06¾-	—
82-85 400 e.p., bulk, export, tanks	gal.	.05¼-	.05½
Gelatin, silver, cs	lb.	.42 -	.48
Gelsemium root, bls	lb.	.10 -	.11
Gentian root, bls	lb.	.07 -	.07½
grd., bbls., bxs	lb.	.09¼-	.10
powd., bbls., bxs	lb.	.10½-	.11
Geraniol, cns., dms	lb.	.67 -	2.00
Geranyl acetate, bots., dms	lb.	1.20 -	2.60
Ginger root, African, bgs	lb.	.04¼-	.04⅝
Cochin, lemon, bgs	lb.	.06½-	.07
Jamaica, bold, bgs	lb.	.12 -	.13
grinding, bright, bgs	lb.	.07¼-	.07½
medium, bgs	lb.	.09⅜-	.10
Japanese, bgs	lb.	.05⅝-	.06¼
Ginseng fibers, cs	lb.	1.75 -	3.00
Root, cultivated, cs	lb.	6.00 -	7.00
wild, Southern, cs	lb.	10.00 -	14.00
Glauber's salt, anhyd. (See Soda Sulphate). cryst., dom., bgs., bbls., c.l., works	100 lbs.	.95 -	1.10
5 tons or over, works	100 lbs.	1.05 -	1.25
less than 5 tons, works	100 lbs.	1.15 -	1.35
import, bgs	100 lbs.	1.05 -	1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.11½-	—
l.c.l., dlvd	lb.	.12 -	—
38/58, bgs., c.l., dlvd	lb.	.11 -	—
l.c.l., dlvd	lb.	.11¼-	—
58/82 bgs., c.l., dlvd	lb.	.12¼-	—
l.c.l., dlvd	lb.	.12 -	—
82/105, bgs., c.l., dlvd	lb.	.13 -	—
l.c.l., dlvd	lb.	.13½-	—
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest	lb.	.15 -	—
l.c.l., same basis	lb.	.15½-	—
60/164, bgs., c.l., same basis,	lb.	.16¼-	—
l.c.l., same basis	lb.	.17 -	—
67/122, bgs., c.l., same basis,	lb.	.17½-	—
l.c.l., same basis	lb.	.18 -	—
75/222, bgs., c.l., same basis,	lb.	.18½-	—
l.c.l., same basis	lb.	.19½-	—
88/251, bgs., c.l., same basis	lb.	.19½-	—
l.c.l., same basis	lb.	.20½-	—
92/283, bgs., c.l., same basis	lb.	.20½-	—
l.c.l., same basis	lb.	.21¼-	—
102/315, bgs., c.l., same basis,	lb.	.21 -	—
l.c.l., same basis	lb.	.22 -	—
113/347, bgs., c.l., same basis	lb.	.22 -	—
l.c.l., same basis	lb.	.23 -	—
126/379, bgs., c.l., same basis,	lb.	.23 -	—
l.c.l., same basis	lb.	.24 -	—
Glue prices for barrel packing, ¼c. lb higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.			
Glycerin, C.P., cns., l.c.l.	lb.	.14½-	.16
dms., c.l., dlvd	lb.	.12½-	—
l.c.l., dlvd	lb.	.13 -	—
tanks, dlvd	lb.	.12¼-	—
dynamite, dms	lb.	Nominal.	
high gravity, dms., c.l., dlvd.	lb.	.12 -	—
l.c.l., dlvd	lb.	.12¼-	—
tanks, dlvd	lb.	.11¾-	—
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.	lb.	.09 -	—
l.c.l., same basis	lb.	.09½-	.10
tanks	lb.	.08¾-	—
for refiners, dms., returnable, tanks, dlvd.	lb.	.08¾-	.08⅞
soapiye, basis 80%, dms., tanks, returnable, dlvd.	lb.	.07¾-	.07⅞
Glycol boriborate, dms	lb.	.22 -	—
Phthalate, dms	lb.	.38 -	—
Stearate, dms	lb.	.24 -	—
Gold, U.S. purchase price	oz.	35.00 -	—
Chloride, acid brown, bots.	oz.	20.75	-21.00
yellow, bots	oz.	18.75	-19.00
Gold-soda chloride, photo., bots.,	oz.	13.00 -	—
USP IX, bots	oz.	14.50	-14.75
Gold of pleasure seed, bgs	lb.	.11 -	.12
Goldenseal, root, bls	lb.	3.25 -	3.30
powd., bxs	lb.	3.35 -	3.40
Grains of paradise, bgs	lb.	.33½-	.34
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works	lb.	.06 -	—
bbls., c.l., works	lb.	.06¼-	—
l.c.l., works	lb.	.06½-	—
powd., amorph., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l., works	lb.	.02½-	—
65% graphitic, carbon, bbls., c.l., works	lb.	.02¾-	—
l.c.l., works	lb.	.03¼-	—
80% graphitic, carbon, bgs., c.l., works	lb.	.03½-	—
bbls., c.l., works	lb.	.03¾-	—
l.c.l., works	lb.	.04¼-	—
Grease, house, loose	lb.	.03¾-	.04
White	lb.	.04½-	.04⅝
Yellow	lb.	.03¾-	.04
Wool (see Adeps lanae and Degras).			
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	.21 -	—
6-10%, bbls, same basis	lb.	.22 -	—
11-15%, bbls., same basis	lb.	.23 -	—
16-20%, bbls., same basis	lb.	.23½-	—
21-25%, bbls., same basis	lb.	.24 -	—
26-30%, bbls., same basis	lb.	.24½-	—
31-35%, bbls., same basis	lb.	.25¼-	—
36-40%, bbls., same basis	lb.	.27 -	—
41-45%, bbls., same basis	lb.	.28½-	—
46-50%, bbls., same basis	lb.	.30 -	—
reduced, C.P., color content up 5%, same basis	lb.	.06 -	—
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss. N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
reduced, C.P., color content up 5%, same basis	lb.	.06 -	—
6-10%, bbls., same basis	lb.	.06¾-	—
11-13%, bbls., same basis	lb.	.07¼-	—
14-16%, bbls., same basis	lb.	.07¾-	—
17-19%, bbls., same basis	lb.	.07¾-	—
20-21%, bbls., same basis	lb.	.08 -	—
22-23%, bbls. same basis	lb.	.08¼-	—
24-25%, bbls., same basis	lb.	.08¾-	—
26-27%, bbls., same basis	lb.	.08¾-	—
28-29%, bbls., same basis	lb.	.09¼-	—
30-31%, bbls., same basis	lb.	.10 -	—
32-33%, bbls., same basis	lb.	.11¼-	—
34-35%, bbls., same basis	lb.	.12¼-	—
36-40%, bbls., same basis	lb.	.14¼-	—
41-45%, bbls., same basis	lb.	.16¼-	—
46-50%, bbls., same basis	lb.	.16¾-	—
Green, chrome, reduced, C.P., color content 51-55%, bbls., same basis	lb.	.17¼-	—
56-60%, bbls., same basis	lb.	.17¾-	—
61-65%, bbls., same basis	lb.	.18¼-	—
66-70%, bbls., same basis	lb.	.19¼-	—
71-75%, bbls., same basis	lb.	.20¼-	—
Oxide, dome., pure, bbls	lb.	.23 -	—
ceramic, light shades, bbls., c.l., works	lb.	.25 -	—
l.c.l., works	lb.	.30 -	—
standard grade, bbls., works	lb.	.21 -	.23
Chrome, tetranydroxide, bbls.	lb.	.35 -	—
Paris (see P).			
Tungstated, brilliant, kgs	lb.	2.50 -	—
emerald, kgs	lb.	2.35 -	—
Verditris (see V).			
Green dyes are listed under Dyes.			
Grindelia robusta, bls	lb.	.08 -	.09
Guaiac resin, cs	lb.	.27 -	.28
strained, cs	lb.	.75 -	.80
Wood, bls	lb.	.04 -	.05
Guaiacol, liq., djns	lb.	1.65 -	1.91
Carbonate, fib. dms., 25 lbs.	lb.	2.40 -	2.74
Guarana, powd., cs	lb.	1.00 -	1.05
Gum, aloe (see A).			
Ammoniac, tears., cs	lb.	.85 -	.90
Arabic, amber sorts, cleaned, bgs.	lb.	.10¼-	.10¾
white sorts, 1, bgs	lb.	.23 -	.24
2, bgs	lb.	.21 -	.22
powd., bbls	lb.	.12½-	.13¾
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, Siam, cs	lb.	1.40 -	1.60
Sumatra, cs	lb.	.17 -	.18
Camphor (see C).			
Chicle, prime, 33% moisture, bgs., ton lots	lb.	.28 -	.29
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran	lb.	.24¾-	—
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ½c. higher for 10 bgs. or over; ¼c. higher for 1-9 bgs.			
Congo 2, cloudy, white, bgs., c.l., same basis	lb.	.26¾-	—
3, selected pale straw bold, bgs., c.l., same basis	lb.	.17¼-	—
4, pale bold straw, bgs., c.l., same basis	lb.	.18¼-	—
5, pale, straw bold, bgs., c.l., same basis	lb.	.14¼-	—
6, pale amber bold, bgs., c.l., same basis	lb.	.14¾-	—
7, pale, straw bold, bgs., c.l., same basis	lb.	.11¾-	—
8, light amber bold, bgs., c.l., same basis	lb.	.11¼-	—
9, medium light amber, bold, bgs., c.l., same basis	lb.	.08¾-	—
10, rescraped hard amber bold, bgs., c.l., same basis,	lb.	.09¼-	—
11, hard dark amber bold, bgs., c.l., same basis	lb.	.07¼-	—
12, selected, bold sorts, bgs., c.l., same basis	lb.	.06¼-	—
13, dark sorts bold, bgs., c.l., same basis	lb.	.05¾-	—
14, selected, fully scraped, ivory, bgs., c.l., same basis	lb.	.15⅝-	—
15, ordinary ivory sorts, bgs., c.l., same basis	lb.	.06¾-	—
16, inferior ivory sorts, bgs., c.l. same basis	lb.	.05¾-	—
17, pale, fingers, bgs., c.l., same basis	lb.	.14¼-	—
18, pale straw nubs, bgs., c.l. same basis	lb.	.11¾-	—
19, pale straw nubs, bgs., c.l., same basis	lb.	.11½-	—
c.l., same basis	lb.	.11½-	—
20, hard dark amber nubs, bgs., c.l., same basis	lb.	.08¼-	—
21, ordinary selected nubs, c.l. same basis	lb.	.06¾-	—
22, small mixed nubs, bgs., c.l., same basis	lb.	.06¼-	—
23, dark mixed nubs, bgs., c.l., same basis	lb.	.06¼-	—
24, No. 1, ivory nubs, bgs., c.l., same basis	lb.	.12¾-	—
25, No. 2, natural ivory nubs, bgs., c.l., same basis	lb.	.06¼-	—
26, pale, bold chips, bgs., c.l., same basis	lb.	.08 -	—
27, pale small chips, bgs., c.l., same basis	lb.	.05¾-	—
28, pale dust, bgs., c.l., same basis	lb.	.04¾-	—
Batu, bold, scraped, bgs., c.l., same basis	lb.	.05 -	—
unscraped, bgs., c.l., same basis	lb.	.04 -	—
chips, bgs., c.l., same basis,	lb.	.04 -	—
dust, bgs., c.l., same basis	lb.	.03¾-	—
nubs and chips, bgs., c.l., same basis	lb.	.04 -	—
black, bold, scraped, bgs., c.l., same basis	lb.	.04¾-	—
unscraped, bgs., c.l., same basis	lb.	.04¼-	—
nubs and chips, bgs., c.l., same basis	lb.	.04¼-	—
Hiroe, Macassar, pale, bold, bgs., c.l., same basis	lb.	.11¾-	—
chips, bgs., c.l., same basis	lb.	.05¾-	—
dust., bgs., c.l., same basis	lb.	.03¾-	—
nubs, bgs., c.l., same basis	lb.	.09¼-	—
Singapore, Rasak, bold, bgs., c.l., same basis	lb.	.14 -	—
chips, bgs., c.l., same basis,	lb.	.05¾-	—
dust, bgs., c.l., same basis	lb.	.03¾-	—
nubs, bgs., c.l., same basis,	lb.	.09¾-	—
Manila, Boeas, amber and dark, bskts., c.l., same basis	lb.	.11¾-	—
light, bskts., c.l., same basis	lb.	.13¾-	—
Loba A, bskts., c.l., same basis	lb.	.10½-	—
B, bskts., c.l., same basis	lb.	.10¾-	—
C, bskts., c.l., same basis,	lb.	.09¾-	—
CNE, bskts., c.l., same basis	lb.	.06½-	—
D, bskts., c.l., same basis	lb.	.08¾-	—
DK, bskts., c.l., same basis,	lb.	.06¼-	—
dust, bskts., c.l., same basis,	lb.	.05¼-	—
Sambas and white split chips, bskts., c.l., same basis	lb.	.14 -	—
Singapore, dust., bskts., c.l., same basis	lb.	.05¼-	—
spirit-soluble, CBB, bskts., basis	lb.	.08½-	—
DBB, bskts., c.l., same basis	lb.	.07¾-	—
MA, bskts., c.l., same basis,	lb.	.06½-	—
MB, bskts., c.l., same basis	lb.	.05¾-	—
WS, bskts., c.l., same basis	lb.	.07¾-	—

Ethyl Formate—Heptane

Gum, copal, Philippine, Manila, amber sorts, bskts., c.l., same basis	lb.	.06½-	—
chips, pale, bskts., c.l., same basis	lb.	.06¼-	—
chips, pale, small, bskts., c.l., same basis	lb.	.07⅜-	—
extra pale sorts, bskts., c.l., same basis	lb.	.08¾-	—
suba, bskts., c.l., same basis	lb.	.10¼-	—
pale, scraped, bskts., c.l., same basis	lb.	.11⅜-	—
seeds and dust, bskts., c.l., same basis	lb.	.06¼-	—
Pontianak, bold, genuine, bgs., same basis	lb.	.15¼-	—
mixed, bgs., same basis	lb.	.13⅜-	—
split, bgs., c.l., same basis,	lb.	.12 -	—
chips, bgs., c.l., same basis,	lb.	.07½-	—
suba, bgs., c.l., same basis	lb.	.10¼-	—
Dammar, Batavia, A, cs, c.l., same basis as copal	lb.	.20 -	—
A/D, cs., c.l., same basis	lb.	.12¾-	—
A/E, cs., c.l., same basis	lb.	.11⅞-	—
B, cs., c.l., same basis	lb.	.18¼-	—
C, cs, c.l., same basis	lb.	.13½-	—
D, cs., c.l., same basis	lb.	.12¼-	—
dust., cs., c.l., same basis	lb.	.05⅝-	—
E, cs., c.l., same basis	lb.	.07¾-	—
F, cs., c.l., same basis	lb.	.07½-	—
Singapore 1, cs., c.l., same basis	lb.	.13¾-	—
2, cs., c.l., same basis	lb.	.10⅝-	—
3, cs., c.l., same basis	lb.	.05⅝-	—
chips, cs., c.l., same basis	lb.	.09¼-	—
dust., cs., c.l., same basis,	lb.	.05⅝-	—
seeds, cs., c.l., same basis,	lb.	.07⅜-	—
Elemi, cns., c.l., same basis as copal	lb.	.06¼-	—
Ester, dms., dlvd. New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contra or single shipt.,	lb.	.06¼-	.06¾
less than 10,000 lbs., same basis	lb.	.06½-	.07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contra, or straight c.l.	lb.	.06¾-	.07
l.c.l., same basis	lb.	.07 -	.07¼
dlvd., elsewhere, 75,000 lbs., contra. or straight, c.l.	lb.	.07 -	.07½
l.c.l., same basis	lb.	.07¼-	.07¾
Euphorbium, cs.	lb.	.22 -	.23
Galbanum, cs.	lb.	1.00 -	1.50
Gamboge, pipe, cs	lb.	.55 -	.60
powd., bbls	lb.	.60 -	.65
Ghatti, soluble, bgs	lb.	.11 -	.15
superior, bgs.	lb.	.09 -	.11
Guaiac (see Guaiac resin).			
Karaya, bbls., bxs., dms	lb.	.14 -	.23
Mauri, brown, XXX, cs., c.l.,	lb.	.60 -	—
BX, cs., c.l., same basis	lb.	.38 -	—
B1, cs., c.l., same basis	lb.	.28 -	—
B2, cs., c.l., same basis	lb.	.24 -	—
B3, cs., c.l., same basis	lb.	.18½-	—
80% chips, cs., c.l., same basis	lb.	.19¼-	—
pale, XXX, cs, same basis	lb.	.61 -	—
A, cs., c.l., same basis	lb.	.41 -	—
2, cs., c.l., same basis	lb.	.24 -	—
3, cs., c.l., same basis	lb.	.17¾-	—
Kino, tins	lb.	3.50	Nom.
Locust bean, powd., bbls	lb.	.16 -	.30
Mastic, cs., c.l., same basis as copal	lb.	.55 -	.56
Myrrh, USP, cs	lb.	.39 -	.40
Olibanum, cs.	lb.	.07½-	.21
Opium (see O)			
Rosin (see R)			
Sandarac, cks., c.l., same basis as copal	lb.	.27 -	.28
Scammony, cs.	lb.	1.10 -	1.15
Senegal, picked, bgs	lb.	.25 -	.27
sorts, bgs.	lb.	.10¼-	.10¾
Talha, bgs	lb.	.07½-	.08
Thus, bbls.	280 lbs.	14.50	-14.75
Tragacanth, Alleppo, 1 cs	lb.	2.25 -	2.65
4, cs.	lb.	1.80 -	1.95
8, cs.	lb.	1.60 -	1.65
flake, bgs.	lb.	.50 -	1.00
Yacca, bgs., c.l., same basis as copal	lb.	.03½-	—
powd., bxs., c.l., same basis	lb.	.04½-	—
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.	ton.	21.15	- —
Medicine Lodge, Kans., frt. equald.	ton.	17.00	- —
New Brighton, N. Y., frt. equald.	ton.	27.15	- —
Southard, Okla., frt. equald.	ton.	17.00	- —
Sweetwater, Tex., frt. equald.	ton.	21.15	- —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	12.50	- —
Blue Rapids, Kans., frt. equald.	ton.	12.50	- —
New Brighton, N. Y., frt. equald.	ton.	14.00	- —
Southard, Okla., frt. equald.	ton.	12.50	- —
Sweetwater, Tex., frt. equald.	ton.	12.50	- —
Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.	ton.	8.00	- —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald.	ton.	12.00	- —
import, bgs., ex dock	ton.	27.50	- —

H

Hawthorn berries, bgs	lb.	.20 -	.21
Heliotropin, cryst., cns.	lb.	1.80 -	2.20
Hellebore, white, root, powd., bbls.	lb.	.11½-	.12
Helonias root, bls.	lb.	.53 -	.55
Hematine crystals, bbls	lb.	.18 -	.28
Hemlock bark extract, 25%, tan, c.l., bbls., works	lb.	.03 -	—
l.c.l., bbls., works	lb.	.03¼-	—
tanks, works	lb.	.02⅝-	—
Hempseed, Manchur, bgs	lb.	.05½-	.06
Henbane leaves, bls	lb.	.15 -	.16
Henna leaves, bls	lb.	.06 -	.09
powd., bbls, bxs	lb.	.10 -	.11
Heptane, mixed, 77-115°C., dms., c.l., Group 3	gal.	.11 -	—
l.c.l., Group 3	gal.	.16 -	—
tanks, Group 3	gal.	.08½-	—
normal, 86-100°, dms., c.l., Group 3	gal.	.11½-	—
l.c.l., Group 3	gal.	.17 -	—
tanks, Group 3	gal.	.09½-	—

AUG 1939 XUM

Hexalin—Manganese Diox.

Hexalin, dms.	lb.	.80	- —
Hexane, normal, 60-70° C., dms., c.l., Group 3	gal.	.12½	- —
l.c.l., dlvd.	lb.	.04	- —
tanks, Group 3	gal.	.10½	- —
laboratory grade, dms., c.l., Group 3	gal.	.14	- —
l.c.l., Group 3	gal.	.25	- —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C.	lb.	.32	- —
150 to 1,350 lbs., shipments, same basis	lb.	.33	- —
USP, dms., 500 lbs., or more, shipments, same basis, lb.		.36	- —
fib., ctns., same basis	lb.	.40	- —
Hematropine hydrobromide, bots., 25 ozs.	oz.	13.00	- —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago unit	ton.	2.50	- —
Hops, N. F., bls.	lb.	.15	- .20
Horehound, bls.	lb.	.06	- .09
Hydrangea root, bls.	lb.	.08	- .09
Hydrastine, bots., 4 ozs.	oz.	15.25	- —
cns., 16 ozs.	oz.	15.00	- —
Hydrochloride, bots., 4 ozs.	oz.	15.25	- —
cns., 16 ozs.	oz.	15.00	- —
Sulphate, bots., 4 ozs.	oz.	16.25	- —
cns., 16 oz.	oz.	16.00	- —
Hydrastis (see Golden seal).			
Hydrofuramide, dms., 100 lbs. or more, works	lb.	.30	- —
fib. ctns., works	lb.	.40	- —
Hydrogen peroxide, USP, bbls.	lb.	.03¾	- .04
100 vols., cbys., E. of Miss. R.	lb.	.20	- —
Hydroquinone, dealers, bbls., dms.	lb.	.90	- .94
Hydroxycitronellal, cns.	lb.	2.00	- 2.50
Hyoscine hydrobromide, bots.	oz.	14.50	-15.00
Hyoscyamine, bots.	oz.	10.00	- —
Hydrobromide, bots.	oz.	10.00	- —
Sulphate, bots.	oz.	10.00	- —
Hypernic, crbys., bbls.	lb.	.26	- —
ext., bbls.	lb.	.13	- —

I

Iceland moss, bls.	lb.	.12	- .13
Ichthyol, bots.	lb.	4.00	- 4.25
Indian red (see Red, Indian).			
Indigo, nat., Madras, cs.	lb.	1.63	- 1.67
synth., liq., bbls.	lb.	.16½	- .19
powd., bbls.	lb.	.74½	- .85
Indol, CP, bots.	lb.	32.00	-34.00
Insect flowers (see Pyrethrum).			
Iodine, crude, jars, 25 lbs.	lb.	1.30	- —
kgs., 150 lbs.	lb.	1.07	- —
less 5%, kgs., 150 lbs.	lb.	1.07	- —
resubl., bots., 5 lbs.	lb.	1.85	- —
jars, 50 lbs.	lb.	1.75	- 1.80
tincture, USP, bbls., 47 gals.	gal.	1.70	- —
cbys., 5 gals.	gal.	1.75	- 1.80
mild, bbls., 47 gals.	gal.	.95	- —
cbys., 5 gals.	gal.	1.00	- 1.05
Iodoform, dms., 100 lbs.	lb.	3.95	- —
jars, 25 lbs.	lb.	4.05	- —
Ionone, alpha, bots.	lb.	2.50	- 2.55
alpha, extra, bots.	lb.	4.00	- 4.05
alpha beta, bots.	lb.	2.25	- 2.30
beta, bots.	lb.	4.10	- 4.15
Ipecac root, bgs.	lb.	1.05	- 1.10
powd., bxs.	lb.	1.15	- 1.20
Irish moss, ordinary, bls.	lb.	.09	- .10
powd., 80-90 mesh, bbls.	lb.	.20	- .30
prime, bleached, bls.	lb.	.17	- .21
Iron acetate, N. F. IV, cbys. 100 lbs.	lb.	.15	- —
djns., 50 lbs.	lb.	.16	- —
liquor, bbls., c.l., dlvd.	lb.	.08	- —
l.c.l., dlvd.	lb.	.04	- —
Chloride (ferric), tech., anhydr., 300-lb. dms.	100 lbs.	4.65	- 6.25
150-lb. dms.	100 lbs.	5.00	- 6.50
cryst., bbls., works, frt. alld. or equald.	lb.	.05	- .06
kegs, works, frt. alld. or equld.	lb.	.07½	- .08
Acetate, liquor, cbys., works, frt. alld. or equld.	lb.	.05	- .06
USP X, cryst., bbls.	lb.	.07½	- —
kegs	lb.	.08½	- —
USP solut., cbys., works, frt. alld. or equld.	lb.	.06½	- .07
djns	lb.	.07½	- —
USP VIII, pearls	lb.	.72	- .75
powd., cns.	lb.	.84	- .87
scales, cns.	lb.	.77	- .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots	lb.	2.87	- —
smaller lots	lb.	2.97	- —
cns., 25 lbs.	lb.	3.09	- —
Hypophosphite, cns.	lb.	1.55	- 1.60
Iodide, bots.	lb.	2.99	- —
syrup, djns.	lb.	.37	- .38
bots	lb.	.52	- —
Nitrate, coml., kgs.	lb.	.02¾	- .03
Oxalate, powd., kgs.	lb.	.47	- —
cns.	lb.	.52	- —
scales, cns.	lb.	.83	- .85
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns., 50 lbs.	lb.	.54	- —
25 lbs.	lb.	.57	- —
scales, cns., 50 lbs.	lb.	.59	- —
25 lbs.	lb.	.62	- —
ferrous, bbls., 200 lbs.	lb.	.35	- —
bxs., 25 lbs.	lb.	.40	- —
kgs., 100 lbs.	lb.	.37	- —
Pyrophosphate, pearls, cns.	lb.	.59	- .62
scales, cns.	lb.	.64	- .67
Reduced, 90%, cs.	lb.	.60	- .65
Sulphate, tech. (see Copperas and ferric sulphate).			
Sulphate, USP, cryst., bbls., 275 lbs.	lb.	.04½	- —
dms., 100 lbs.	lb.	.06½	- —
Iron ammonia citrate, brown, gran., cns.	lb.	.35	- .38
pearls, cns.	lb.	.35	- .38
scales, cns.	lb.	.47	- .50
green, gran., cns.	lb.	.35	- .38
pearls, cns.	lb.	.35	- .38
scales, cns.	lb.	.47	- .50
Iron-ammonia oxalate, bxs.	lb.	.20	- —
fib., dms.	lb.	.23½	- —
kgs.	lb.	.25½	- —
Iron-potash oxalate, bbls.	lb.	.42	- —
kgs.	lb.	.44	- —
jars	lb.	.46	- —
Iron-soda oxalate, bxs.	lb.	.30	- —
fib., dms.	lb.	.23½	- —
kgs.	lb.	.25½	- —
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works	lb.	.48	- —
small lots, works	lb.	.50	- —
Isopropanol (see Alcohol, isopropyl).			
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld.	lb.	.096	- —
W. of Rockies, frt. alld.	lb.	.10	- —
55 gls., c.l., E. of Rockies, frt. alld.	lb.	.061	- —
W. of Rockies, frt. alld, lb.		.06½	- —
l.c.l., E. of Rockies, frt. alld.	lb.	.066	- —
W. of Rockies, frt. alld, lb.		.07	- —
tanks, E. of Rockies, frt. alld., lb.		.051	- —
W. of Rockies, frt. alld.	lb.	.05½	- —
Alcohol (see Alcohol).			
Isopropyl, ether, dms., 5 gal., frt. alld.	gal.	.55	- —
55 gal., c.l., E. of Miss., frt. alld.	gal.	.35	- —
W. of Miss., frt. alld., gal.		.29	- —
l.c.l., E. of Miss., frt. alld.	gal.	.40	- —
W. of Miss., frt. alld., gal.		.44	- —
tanks, E. of Miss., frt. alld., gal.		.25	- —
W. of Miss., frt. alld., gal.		.29	- —

J

Jaborandi leaves, bls.	lb.	.09	- .10
Jalap root, NF, bls.	lb.	.14½	- .17
powd., bbls., bxs.	lb.	.19	- .23
Juniper berries, bgs.	lb.	.05	- .05½

K

Kamala, tins	lb.	.20	- .22
Kaolin (see China clay).			
Kava kava root, bls.	lb.	.12½	- .13
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks, gal.		.04½	- .04⅝
Gulf ports, p.w., bulk	gal.	.03⅜	- .03⅝
w.w., bulk	gal.	.03⅜	- —
Louisiana - Arkansas, 41-43 w.w., bulk	gal.	.04	- .04⅜
Oklahoma-Texas, 41-43 w.w., tanks	gal.	.03⅞	- .04¼
42-44 w.w., tanks	gal.	.04½	- .04⅝
Pennsylvania, 45 w.w., tanks gal.		.04⅝	- .04⅞
46 w.w., tanks	gal.	.04¾	- .05
47 w.w., tanks	gal.	.04⅞	- .05½
Kerosene, tankwagon:—			
Atlanta	gal.	.12	- —
Boston	gal.	.08	- —
Chicago	gal.	.10	- —
Cincinnati	gal.	.13	- —
Denver	gal.	.11½	- —
Louisville	gal.	.10	- —
Minneapolis	gal.	.104	- —
New Orleans	gal.	.11	- —
New York	gal.	.08¾	- —
San Francisco	gal.	.11½	- —
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs.	lb.	.07	- .08

L

Lady slipper root, bls.	lb.	.38	- .40
Lanolin (see Adeps lanae).			
Lard, city, tubs	100 lbs.	5.75	- 6.00
Middlewestern, trcs.	100 lbs.	5.80	- 5.85
Neutral, trcs.	100 lbs.	7.00	- 7.25
Western, choice, trcs.	100 lbs.	5.85	- 5.95
Compound, trcs.	100 lbs.	8.25	- 8.50
Larkspur seed, bgs.	lb.	.33	- .34
Laurel berries, bls.	lb.	.09	- .10
Leaves, Greek, bls.	lb.	.05	- .05½
Lavender flowers, ordinary, bls.	lb.	.25	- .27
medium, bls.	lb.	.30	- .31
select, bls.	lb.	.35	- .40
Lead acetate, white, broken, bbls.	lb.	.10	- —
cryst., bbls.	lb.	.10	- —
gran., bbls.	lb.	.10¾	- —
powd., bbls.	lb.	.10¾	- —
Arsenate, bgs., c.l., dealers.	lb.	.10	- .11
l.c.l., bgs., dealers	lb.	.1015	- .11¼
Lead arsenate prices are works or whse basis. frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.			
Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.06¼	- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06¼	- —
l.c.l., dlvd., E.	lb.	.06½	- —
l.c.l., dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07	- —
Carbonate (see Lead, white).			
Chloride, pure, bots., 5 lbs.	lb.	.62	- —
fib., dms., 25 lbs.	lb.	.49	- —
Iodide, N. F., V., powd., bots., 5 lbs.	lb.	2.67	- —
jars	lb.	2.55	- —
Linoleate, pale, precip., dms., lb.		.19	- —
Metal (see daily quotations in market report)			
Metallic, paste, 200-lb. cont., f.o.b. works	lb.	.19	- —
5-lb. cont., f.o.b. works	lb.	.22	- —
Nitrate, bbls.	lb.	.10	- .13
Oleate, bbls.	lb.	.18½	- .20
Peroxide, cns., works	lb.	.46	- .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0785	- —
other points	lb.	.0760	- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss, Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.08	- —
Ariz., Idaho, Nev. Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.08¾	- —
Colo., Mont., N. Mex Wyo.	lb.	.08½	- —
other points	lb.	.08	- —
smaller lots, etc.	lb.	.08¾	- —
Ariz., etc.	lb.	.09¼	- —
Colo., etc.	lb.	.09	- —
other points	lb.	.08½	- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc.	lb.	.0810	- —
other points	lb.	.0785	- —
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.08½	- —
Ariz., etc.	lb.	.09	- —
Colo., etc.	lb.	.08¾	- —
other points	lb.	.08¼	- —
smaller lots, dlvd. Ala etc.	lb.	.09	- —
Ariz., etc.	lb.	.09½	- —
Colo., etc.	lb.	.09¼	- —
other points	lb.	.08¾	- —
88%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc.	lb.	.0835	- —
other points	lb.	.0810	- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.08¾	- —
Ariz., etc.	lb.	.09¼	- —
Colo., etc.	lb.	.09	- —
other points	lb.	.08½	- —
Lead, red, dry, 98%, Pb_3O_4, l.c.l., smaller lots, dlvd., Ala., etc.	lb.	.09¼	- —
Ariz., etc.	lb.	.09¾	- —
Colo., etc.	lb.	.09½	- —
other points	lb.	.09	- —
As. ox., 96% min., 100-lb. kgs. lb.		.12½	- —
Resinate, fused, 15%, bbls.	lb.	.09½	- —
pale, bbls.	lb.	.11¼	- —
precip., bbls.	lb.	.16¼	- —
Stearate, bbls.	lb.	.25	- —
Sulphate (see Lead, white, basic sulphate).			
Titanate, bbls., c.l. (20 tons), works, frt. alld.	lb.	.10	- —
l.c.l., 5 tons, one delvy., E. frt. alld.	lb.	.10¼	- —
Pac. Cst., ex whse.	lb.	.10¼	- —
smaller lots, E. frt. alld. lb.		.10½	- —
Pac. Cst., ex whse.	lb.	.10½	- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.07¼	- —
other points	lb.	.07	- —
l.c.l., dlvd., Ariz., etc.	lb.	.07¼	- —
other points	lb.	.07½	- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc.	lb.	.06½	- —
other points	lb.	.06¼	- —
basic sulphate, l.c.l., dlvd., Ariz., etc.	lb.	.06¾	- —
other points	lb.	.06½	- —
in oil, 100-lb. kgs., consumers	lb.	.12¼	- —
dealers	lb.	.10¼	- —
painters	lb.	.11¼	- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi.	lb.	2.50	- —
edible, grade 1, dms., c.l., same basis	lb.	.45	- —
l.c.l., same basis	lb.	.47½	- .65
grades 2 or 3, dms., c.l., same basis	lb.	.47½	- —
l.c.l., same basis	lb.	.50	- .67½
grade 4, dms., c.l., same basis	lb.	.50	- —
l.c.l., same basis	lb.	.52½	- .70
purified, cs., dms., c.l., same basis	lb.	.65	- —
l.c.l., same basis	lb.	.67½	- .85
tech., grade 1, dms., c.l., same basis	lb.	.35	- —
l.c.l., same basis	lb.	.37½	- .55
grades 2 or 3, dms., c.l., same basis	lb.	.37½	- —
l.c.l., same basis	lb.	.40	- .57½
grade 4, dms., c.l., same basis	lb.	.40	- —
l.c.l., same basis	lb.	.42½	- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.	lb.	.09	- .10
Licorice extract, mass, cs.	lb.	.17	- .18
powd., bbls.	lb.	.24	- .25
Root, bls.	lb.	.04½	- .05
powd., bbls., bxs.	lb.	.07	- .08
select, bndls., cs.	lb.	.15	- .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00	- —
Berkley, W. Va.	ton.	7.00	- —
Carey, Ohio	ton.	7.00	- —
Cedar Hollow, Pa.	ton.	8.50	- —
Crab Orchard, Tenn.	ton.	6.25	- —
Eagle Mountain, Va.	ton.	7.00	- —
Farnams, Mass.	ton.	8.00	- —
Gibsonburg, Ohio	ton.	7.00	- —
Hannibal, Mo.	ton.	6.50	- —
Keystone, Ala.	ton.	6.25	- —
Knoxville, Tenn.	ton.	6.25	- —
Limedale, Ark.	ton.	7.00	- —
Longview, Ala.	ton.	6.25	- —
Manistique, Mich.	ton.	8.00	- —
Marblehead, Ohio.	ton.	7.50	- —
Martinsburg, W. Va.	ton.	7.00	- —
Menominee, Mich.	ton.	8.00	- —
Mitchell, Ind.	ton.	6.50	- —
Newala, Ala.	ton.	6.25	- —
Rincon, Cal.	ton.	13.00	- —
Ripplemead, Va.	ton.	7.00	- —
Riverton, Va.	ton.	7.00	- —
San Francisco, Cal.	ton.	13.00	- —
Scioto, Ohio	ton.	8.50	- —
Springfield, Mo.	ton.	7.00	- —
Woodville, Ohio	ton.	7.00	- —
York, Pa.	ton.	7.00	- —
hydrated, paper bgs., f.o.b., Bellefonte, Pa.	ton.	8.50	- —
Berkley, W. Va.	ton.	8.50	- —
Buffalo, N. Y.	ton.	10.00	- —
Carey, Ohio	ton.	8.50	- —
Cedar Hollow, Pa.	ton.	8.00	- —
Crab Orchard, Tenn.	ton.	9.00	- —
Eagle Mountain, Va.	ton.	9.00	- —
Farnams, Mass.	ton.	8.50	- —
Gibsonburg, O.	ton.	8.50	- —
Hannibal, Mo.	ton.	8.50	- —
Keystone, Ala.	ton.	9.00	- —
Knoxville, Tenn.	ton.	9.00	- —
Le Roy, Minn.	ton.	10.00	- —
Limedale, Ark.	ton.	9.00	- —
Longview, Ala.	ton.	9.00	- —
Louisville, Ky.	ton.	14.50	- —
Manistique, Mich.	ton.	9.50	- —
Marblehead, Ohio.	ton.	9.50	- —
Martinsburg, W. Va.	ton.	8.50	- —
Mitchell, Ind.	ton.	9.00	- —
Newala, Ala.	ton.	9.00	- —
Potoskey, Mich.	ton.	9.00	- —
Port Island, Mich.	ton.	9.00	- —
Rapid City, S. D.	ton.	12.00	- —
Ripplemead, Va.	ton.	9.00	- —
San Francisco, Cal.	ton.	16.00	- —
Springfield, Mo.	ton.	9.00	- —
Woodville, Ohio	ton.	8.50	- —
York, Pa.	ton.	8.50	- —
spray, paper bgs., f.o.b. Bellefonte, Pa.	ton.	9.00	- —
Carey, Ohio	ton.	11.00	- —
Farnams, Mass.	ton.	9.50	- —
Gibsonburg, Ohio	ton.	11.00	- —
Marblehead, Ohio	ton.	11.00	- —
Scioto, Ohio	ton.	10.00	- —
Woodville, Ohio	ton.	11.00	- —
York, Pa.	ton.	9.00	- —
Lime salts (see Calcium).			
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex.	lb.	.07½	- .08½
dms., same basis	lb.	.10½	- —
400 lbs., or more, bgs., same basis	lb.	.07¾	- .08¾
dms, same basis	lb.	.11	- —
less than 400 lbs., same basis, lb.		.08½	- .09½
dms., same basis	lb.	.12	- —
solution, zone 1, dms., consumer gal.		.16	- —
Zone 2, tanks, dealers, wks., gal.		.08½	- —
30-50 dms.	gal.	.11	- .15
Zone 3, tanks, dealers, dlvd., gal.		.11½	- —
30-50 dms.	gal.	.14	- .18
Zone 4, tanks, dealers, wks., gal.		.08	- —
dms., wks., except Cal.	gal.	.12	- —
Zone 5, tanks, dealers, dlvd., gal.		.10½	- —
dms.	gal.	.12	- —
Zone 6, tanks, dealers	gal.	.08½	- —
30-50 dms.	gal.	.11	- .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany Surry, Stokes, and Rockingham.

Linalool, cns.	lb.	2.10	- 3.30
Linalyl acetate, cns., 25 lbs.	lb.	1.35	- 2.25
Linden flowers, with leaves, bls.	lb.	.26	- .27
without leaves, bls.	lb.	.18	- .19
Linseed, cake, bgs., export	ton.	26.50	-27.00
Meal, 34%, bgs.	ton.	37.00	- —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0660	- —
dlvd., other points	lb.	.0635	- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07	- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.07½	- —
Colo., Mont., N. Mex., Wyo.	lb.	.07	- —
other points	lb.	.06¾	- —
smaller lots, dlvd., Ala., etc.	lb.	.07½	- —
Ariz., etc.	lb.	.08	- —
Colo., etc.	lb.	.07¾	- —
other points	lb.	.07¼	- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd.	lb.	1.90	- —
50 lbs., works	lb.	1.93	- —
25 lbs., works	lb.	1.95	- —
Carbonate, 250-lb., bbls.	lb.	1.25	- —
100-lb. kgs.	lb.	1.30	- —
Chloride, 25-lb. jars	lb.	1.65	- 1.70
Citrate, 250-lb. bbls.	lb.	1.40	- —
25-lb. dms.	lb.	1.45	- —
100-lb. kgs.	lb.	1.40	- —
Iodide, 5-lb. bots.	lb.	4.85	- —
25-lb. jars	lb.	4.70	- —
Fluoride, bbls.	lb.	2.10	- 2.25
Lithopone, dom., high-strength, bgs., c.l. (20 tons)	lb.	.05½	- —
smaller lots	lb.	.05½	- —
bbls., c.l. (20 tons)	lb.	.05½	- —
smaller lots	lb.	.05¾	- —
ordinary, bgs., c.l., (20 tons)	lb.	.03¾	- —
smaller lots	lb.	.04	- —
bbls., c.l., (20 tons)	lb.	.04	- —
smaller lots	lb.	.04¼	- —
titanated, bgs., c.l. (20 tons)	lb.	.05¼	- —
smaller lots	lb.	.05½	- —
bbls., c.l. (20 tons)	lb.	.05½	- —
smaller lots	lb.	.05¾	- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.	lb.	.20	- .21
Lobelia herb, bls.	lb.	.11	- .12
Seed, bgs.	lb.	.34	- .35
Logwood extract, cryst., bbls.	lb.	.18	- .22
liquid, 51°, bbls.	lb.	.09½	- .11½
solid, bxs.	lb.	.15	- .19
Lovage root, dom., bls.	lb.	.34	- .35
import, bls.	lb.	.30	- .35
Lupulin, N. E., tins	lb.	1.50	- 1.55
Lycopodium, cs.	lb.	1.15	- 1.20

M

Mace, Banda, cs.	lb.	.52	- .53
Batavia, cs.	lb.	.32	- .33
Siauw, cs.	lb.	.41	- .42
Madder, Dutch, bbls.	lb.	.22	- .25
Magnesia, arsenate, dms.	lb.	.18	- .20
Calcined, tech., USP, bbls., works.	lb.	.26	- —
Carbonate, tech., Zone 1, bgs., c.l.	lb.	.06¼	- —
l.c.l.	lb.	.07	- —
1, bbls., c.l.	lb.	.07¼	- —
l.c.l.	lb.	.08	- —
kgs., c.l.	lb.	.08¾	- —
l.c.l.	lb.	.09½	- —
USP, zone 1, bbls., c.l.	lb.	.08¼	- —
l.c.l.	lb.	.09	- —
kgs., c.l.	lb.	.09¾	- —
l.c.l.	lb.	.10½	- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del. and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.; prices f.o.b., Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, flake, dom., bbls., wks., c.l.	ton.	32.00	- —
l.c.l., bbls., wks.	ton.	39.00	-42.00
Hypophosphite, cns., 100 lbs.	lb.	1.45	- —
25 lbs.	lb.	1.50	- —
Oxide (see Calcined).			
Palmitate, bbls.	lb.	.33	Nom.
Peroxide, 15%, dms., works.	lb.	1.00	- 1.35
Silicate (see Talc).			
Silicofluoride, bbls.	lb.	.09½	- .10½
Stearate, bbls., ctns., c.l.	lb.	.21	- —
1 ton	lb.	.22	- —
1,000-2,000 lbs.	lb.	.23	- —
smaller lots	lb.	.24	- —
Sulphate (see Epsom salt).			
Magnesite, cal., dom., bgs.	ton.	56.00	-60.00
Import, bgs.	ton.	56.00	-60.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	25.00	- —
Magnesium hydroxide, medicinal, bbls., 200 lbs.	lb.	.25	- —
dms., 25 lbs.	lb.	.30	- —
kgs., 100 lbs.	lb.	.26	- —
Trisilicate, cs., 300-lb. lots	lb.	.58	- —
100-lb. lots	lb.	.55	- —
cns.	lb.	.75	- .80
Malva flowers, black, bls.	lb.	.35	- .45
blue, bls.	lb.	.35	- .45
Leaves, bls.	lb.	.11	- .12
Manaca root, bls.	lb.	.17	- .18
Mandrake root, bls.	lb.	.09	- .10
Manganese acetate, dms.	lb.	.26½	- —
Arsenate, bgs.	lb.	.12	- .12¼
Borate, tech., bbls.	lb.	.15	- .16
Carbonate, bbls.	lb.	.19	- —
Chloride, bbls.	lb.	.08¼	- .08½
Dioxide, African, battery, 84-87%, bgs. 28-40 tons, works.	ton.	54.50	- —
5-15 tons, works	ton.	57.50	- —
¼-4 tons, works	ton.	62.50	- —
500-600 lbs., works.	ton.	72.50	- —

Manganese, dioxide, Caucasian, 85-90%, bbls., c.l., works, ton 51.50 - —
l.c.l., 5 tons, works...ton 54.50 - —
smaller lots, works..ton 59.50 - —
burlap bgs., c.l., works.ton 49.25 - —
l.c.l., 5 tons, works, ton 52.25 - —
smaller lots, works.ton 57.25 - —
paper bgs., c.l., works.ton 47.50 - —
l.c.l., 5 tons, works..ton 50.50 - —
Glycerophosphate, bbls., kgs., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000-lb. lots..lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.80 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19¼
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Alt. ports..unit-ton. .29 Nom.
Resinate, fused, 3¼%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, $MnSo_4$, bgs., c.l., dlvd., South..ton 48.75 - —
l.c.l., bgs.....ton 55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .08¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton 25.00 -26.00
Manna flake, large, cs.....lb. .48 - .49
small, cs. .....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb. .95 - 1.00
commercial, cryst., bbls., ton lots, works..lb. .42 - —
smaller lots, works.....lb. .50 - —
Marble flour, bgs.....ton 12.00 -14.00
Marjoram, French, bls.....lb. .23½- .24
Tunisan, bls. .....lb. .21 - .21½
Chilean, bls. .....lb. .14 - .14½
Matico leaves, bls.....lb. .21 - .22
Menthol, USP, natural, cs.....lb. 2.85 - 2.95
synthetic, tech., cs.....lb. 2.25 - —
USP, cs.....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .85 - —
25 lbs.....lb. .87 - —
50%, pails, 50 lbs.....lb. 1.23 - —
25 lbs.....lb. 1.25 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.90 - 1.94
fib., dms., 100 lbs.....lb. 1.77 - —
jars, 25 lbs.....lb. 1.79 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 3.81 - 3.85
cns., 25 lbs.....lb. 3.70 - 3.75
fib., dms., 100 lbs.....lb. 3.70 - 3.75
yellow, bots., 5 lbs.....lb. 3.91 - 3.95
cns., 25 lbs.....lb. 3.80 - —
fib., dms., 100 lbs.....lb. 3.80 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.51 - —
USP, fib. dms., 50 lbs. or more..lb. 2.03 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.29 - —
fib., dms., 25 lbs.....lb. 1.17 - 1.22
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10¼- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3¾x3¾ in..pkg. 15.25 -15.75
23K, 3¾x3¾ in.....pkg. 16.15 -17.50
4x4 in.....pkg. 19.50 -20.00
3¾x5½ in.....pkg. 22.50 -23.00
3¾x5½ in.....pkg. 24.50 -25.00
Silver, 3¾x3¾ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.30 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums. car lots.
synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R., lb. .09½- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .28 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 8c. per gal. higher on tanks and 4c. per gal. higher on drums. car lots.
Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
4 .....gal. .44 - —
Methyl, acetone, synth., dms., l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.
Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.65 - 3.82
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —
Methylcyclohexane, 98-100% dms., works, frt. alld., E. of Rockies..lb. .25 - —
Methylcyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works...lb. .18 - .26
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb. 23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton. 11.00 - —
180 mesh, containers extra, c.l., same basis..ton. 11.00 - —
l.c.l., same basis.....ton. 16.00 - —
250 mesh, containers extra, c.l., same basis..ton. 18.00 - —
l.c.l., same basis.....ton. 15.60 - —
325 mesh, containers extra, c.l., same basis..ton. 18.00 - —
l.c.l., same basis.....ton. 20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton. 30.00 - —
l.c.l., 5,000 lbs., works, ton. 40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bags., extra and returnable, c.l., works..ton. 20.00 - —
l.c.l., 5,000 lbs., works, ton. 39.00 - —
paint, bgs., extra and returnable, c.l., works. ton. 55.00 - —
l.c.l., 5,000 lbs., works, ton. 65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton. 35.00 - —
l.c.l., 5,000 lbs., works, ton. 45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton. 29.00 - —
l.c.l., 5,000 lbs., works, ton. 39.00 - —
paint, bgs., extra and returnable, c.l., works..ton. 60.00 - —
l.c.l., 5,000 lbs., works, ton. 70.00 - -
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.....lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .04½- —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
rubber, bgs., c.l., frt. alld. E..lb. .04 - —
l.c.l., ex-whse., or frt. alld., E....lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls.,c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l. .....lb. .16 - —
l.c.l. .....lb. .17 - —
Millet seed, yellow, bgs.....lb. .03½- .03¾
early fortune, bgs.....lb. .02¼- .02½
hulled, bgs. .....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .04½- —
f.o.b., New Orleans....gal. .03¼- —
Molybdate, orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., works lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniliin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs. .....oz. 10.99 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz. 10.75 - —
cns., 25 ozs. .....oz. 10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Morphine, sulphate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .75 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz. 21.00 -22.00
pods, caddies, 20 ozs....oz. 19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.00 - —
5 lbs. to 75 lbs.....lb. 3.25 - —
1 lb. .....lb. 3.40 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. .90 - —
5 lbs. to 75 lbs.....lb. 1.00 - —
1 lb. .....lb. 1.15 - —
Musk root, bls.....lb. .11 - .14
Mustard seed, Bombay, brown, bgs..lb. .04¼- .04⅝
California, brown, bgs.....lb. .05⅝- .06¼
Chinese, yellow, bgs .....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08⅜- .09¼
Dutch, yellow, bgs.....lb. .08½- .08⅞
English, yellow, bgs.....lb. .09½- .10
Roumanian, yellow, bgs...lb. .05⅝- .06¼
Myrobalans, J1, bgs., shpt...ton. 24.00 - —
J2, bgs., shpt.....ton. 19.00 - —
R2, bgs., shipt.....ton. 16.75 Nom.
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 50% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works .....100 lbs. 2.75 - 2.85
import, bgs., Atl. ports.100 lbs. 1.55 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis...lb. .05⅝- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls. .....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronsing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works....lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.21 - 1.58 —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. 1.90 - —
f.o.b. Chemical, Ill., unit-ton. 1.90 - —
East Coast producing points, unit-ton.. 2.30 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.40 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs ..lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- —
110s, bgs., cs.....lb. .16¼- .16½
West Indian, bgs.....lb. .09¼- .09½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03⅝- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3 .....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —

Manganese—Oil, Halibut

Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots. .....lb. 1.90 - 2.00
s.p.a., bots. .....lb. 1.95 - 2.05
sweet, true, exp., cns.....lb. .56 - .57
Amber, crude, cns.....lb. .19 - .20
ref'd, cns. .....lb. .50 - .51
Amyris, cns. .....lb. 3.00 - 3.25
Angelica root, bots.....lb. 40.00 -45.00
seed, bots. .....lb. 70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .63 - .66
Apricot, kernels, cns.....lb. .28 - .32
Babassu, tanks.....lb. .03¾ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.05 - 1.10
55-60% phenols, cns.....lb. 1.20 - 1.25
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .15 - .18
rectified, cns. .....lb. .60 - .65
Bois de rose, Brazil, cns.....lb. 1.45 - 1.50
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .44 - .46
USP IX, cns.....lb. .50 - .52
Calamus, cns.....lb. 5.50 - 6.00
Camphor, sassafrassy, cns...lb. .30 - .31
dms. .....lb. .28 - .29
white, cns.....lb. .36 - .37
dms. .....lb. .34 - .35
Cananga, native, cns.....lb. 1.05 - 1.25
rectified, cns.....lb. 1.50 - 1.80
Capsicum (oleoresin) N. F. VI, cns..lb. 1.90 - 2.00
Caraway, USP, cns.....lb. 1.65 - 1.70
Cardamom, bots.....lb. 12.50 -25.50
Cassia, USP, cns., dms.....lb. .88 - .93
Castor, blown, one-way dms., c.l..lb. .10¼- —
l.c.l. .....lb. .11 - —
medicinal, bbls., c.l.....lb. .08¾- —
l.c.l. .....lb. .09¼- —
cns. (1-gal.), l.c.l.....lb. .12¼- —
dms. (returnable), c.l....lb. .08¼- —
l.c.l. .....lb. .09¼- —
(5-gal.), l.c.l.....lb. .10¼- —
tanks .....lb. .08 - —
No. 3, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
dms. (returnable), c.l....lb. .08 - —
l.c.l. .....lb. .08¾- —
tanks .....lb. .07¼- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y. l.c.l., prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
75% (63% fat), dms., c.l. lb. .08¾- —
l.c.l. .....lb. .09¾- —
80% (68% fat), dms., c.l..lb. .09¼- —
l.c.l. .....lb. .10¼- —
Cedarleaf, cs. .....lb. .60 - .62
dms. .....lb. .55 - .57
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .17 - .21½
Celery, bots.....lb. 6.50 - 8.75
Chaulmoogra, USP, cns., 500 lbs. lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms.....lb. .22 Nom.
tanks .....lb. .21 Nom.
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .33 - .35
dms. .....lb. .31 - .33
Java, cns., dms.....lb. .27 - .28
Clove, makers, USP, cns....lb. .97 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .02¾- —
Pac. Cst.....lb. .02½- .02⅝
Coconut, edible, 76°, tax incl., dms. (returnable), c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
tanks .....lb. .07¾- —
Cod, Newfoundland, shipt., un-tanked..gal. .32 - .33
Norwegian, shipt., bbls...gal. .28 - .31
Codliver, med., USP, bbls..bbl. 21.00 -22.00
Coriander, bots.....lb. 12.00 -12.50
Corn, crude, tanks, works...lb. .04¾- .05
refd., bbls.....lb. .07½- .07¾
Cottonseed, dom., cooking, bbls..lb. .07¾- —
salad, bbls. .....lb. .08 - —
import, Brazilian, semi-refd., bulk..lb. .03¼ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.10 - 1.15
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb. 12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.60 - 3.75
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns. .....lb. .41 - .45
dms. .....lb. .38 - .42
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .80 - .82
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.05 - —
Tuesday .....bbl. 1.05 - —
Wednesday .....bbl. 1.05 - —
Thursday .....bbl. 1.05 - —
Friday .....bbl. 1.05 - —
Saturday .....bbl. 1.05 - —
North Texas, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.10
24-28, 15 and above.....bbl. .85 - .90
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04¼- —
2, bulk, same basis.....gal. .04 - —
4, bulk, same basis.....gal. .03⅞- —
Louisiana - Arkansas, 32-36, light straw..gal. .03¼- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03⅝- .03½
36-38 .....gal. .03⅝- .03⅞
38-40, straw .....gal. .03⅝- .03⅞
38-40 zero, 60 c.p.....gal. .03⅝- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02⅝- .03¼
Oklahoma, bulk.....gal. .02⅝- .03¼
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 2.35 - 3.00
Bourbon, cns. .....lb. 2.40 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns. .....lb. 1.50 - 1.75
Grapeseed, dms. .....lb. .40 - .60
Ginger, dist., bots.....lb. 4.00 - 4.50
Gualac wood, concrete, bots..lb. 2.10 - 2.25
Haarlem, import, bots....gross. 3.15 - 3.25
Halibut-liver, dms., 1,000 A. unit..gal. .75 - 1.00

Oil, Hemlock—Oil, White

Oil, hemlock, cns.	lb.	.65 - .70
Juniper berry, USP, cns.	lb.	1.10 - 1.30
Wood, tech., cns.	lb.	.45 - —
Juniper tar, USP XI, 1,000 lbs., dms.	lb.	.38 - .39
cns	lb.	.40 - .41
Lard, common, 1, bbls.	lb.	.07⅝- —
2, bbls.	lb.	.07½- —
extra, bbls.	lb.	.08¼- —
1, bbls.	lb.	.08 - —
Winter, strained, extra, bbls.,	lb.	.08½- —
prime, burning, bbls.	lb.	.09¼- —
prime, ined., bbls.	lb.	.08¾- —
Laurel, bots.	lb.	4.50 - 5.00
Lavandin, cns., 25 lbs.	lb.	1.60 - 1.65
Lavender flower, French, 38% ester, cns.	lb.	4.50 - 4.75
38-42% ester, cns.	lb.	3.25 - 4.00
35-38% ester, cns.	lb.	2.75 - 3.00
30-32% ester, cns.	lb.	2.00 - 2.25
garden, cns.	lb.	.42 - .45
spike, Spanish, tech., cns.	lb.	1.05 - 1.10
dms.	lb.	.95 - 1.00
Lemon, Calif., cns.	lb.	2.50 - —
Messina, coppers, cns.	lb.	3.15 - 4.00
Lemongrass, native, cns., dms.,	lb.	.38 - .40
Lime, dist., Mexican, cns.	lb.	2.65 - 2.70
West Indian, cns.	lb.	3.00 - 3.10
expressed, cns.	lb.	6.50 - 6.75
Linaloe wood, cns.	lb.	1.25 - 1.30
Linseed, raw, bbls., c.l.	lb.	.0840- .0880
l.c.l., 10 to 69	lb.	.0890- —
5 to 9	lb.	.0930- —
less than 5	lb.	.0950- —
tanks	lb.	.0780- .0820
boiled, .oo4. over raw		— —
Lovage, bots.	lb.	41.25 -60.00

Oil, lubricating, at refinery (including U.S. tax &c. per gal):—California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.18½- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.23 - —
200-210 E. 15-25 pour, tanks.	gal.	.22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks,	gal.	.14 - —
4 color, tanks.	gal.	.13½- —
200 vis., 3 color, tanks,	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
250 vis., 3 color, tanks,	gal.	.15½- —
4 color, tanks.	gal.	.15 - —
280 vis., 3 color, tanks,	gal.	.16½- —
4 color, tanks.	gal.	.16 - —
300 vis., 3½ color, tanks,	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
600 vis., same basis.	gal.	.19 - —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour

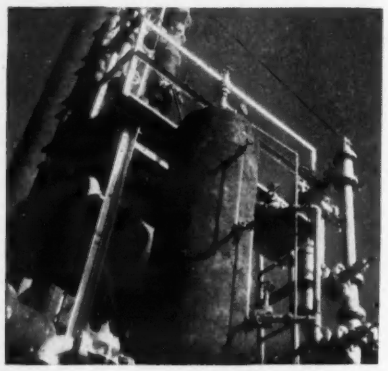
Oil, lubricating, at refinery, Penn., bright, 600, 10-15 pour, tanks.	gal.	.18 - .20
25 pour, tanks.	gal.	.16 - .17
cylinder, 600 fire, tanks,	gal.	.08½- .10
600 flash, tanks.	gal.	.11 - .12
630 flash, tanks.	gal.	.13½- .14
635 fire, tanks.	gal	.09½- .11
650 fire, tanks.	gal.	.10½- .11
Warren, E, amber, tanks,	gal.	.11 - —
Penna, Warren, E, neutral, 150 vis., 3 color, tanks.	gal.	.15 - .15½
180 vis., 3 color, tanks.	gal.	.16 - .16½
200 vis., 2 color, tanks.	gal.	.17 - .17½
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.22 - —
unfiltered, 600 s. r. bbls., f.a.s.	gal.	.15½- —
600 flash, s. r., bbls., c.l.	gal.	.17½- —
630 flash, bbls, c.l., f.a.s.,	gal.	.20½- —
Warren, E., bbls., c.l., f.a.s., smaller lots, f.o.b.,	gal.	.21 - —
Mace, dist, cns., dms.	lb.	1.12 - 1.15
Mandarin, superior, coppers.	lb.	5.75 - 6.00
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.24 Nom.
refd., alkali, dms.	lb.	.0590- —
tanks	lb.	.0530- —
refd., blown, dms.	lb.	.0610- —
kettle-bodied, dms.	lb.	.0710- —
light pressed, dms.	lb.	.0530- —
tanks	lb.	.0470- —
Mineral, white (see Oil, white mineral), Messina, USP, coppers.	lb.	1.90 - 3.45
dist., natural, bots.	lb.	8.50 - 9.00
Neatsfoot, 20° cold test, bbls.,	lb.	.14¾- —
extra, bbls.	lb.	.08¼- —
1, bbls.	lb.	.08 - —
pure, bbls.	lb.	.11¾- —
prime, bbls.	lb.	.08¼- —
sulphonated, common, 25% moisture, dms.	lb.	.10¼- —

Oil, neroll, bots.	lb.	85.00 - 140.00
Nutmeg, USP, cns., dms.	lb.	1.12 - 1.15
Oiticica, dms.	lb.	.17 - .18
Oleo, 1, bbls.	lb.	.07½- —
2, bbls.	lb.	.07 - —
Olibanum, bots.	lb.	5.00 - 5.25
Olive, denat., bbls.	gal	.80 - .81
edible, bbls.	gal.	1.75 - 2.00
foots, bbls.	lb.	.06¾- .06¾
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11½- —
l.c.l.	lb.	.12½- —
75% (63% fat), dms., c.l.	lb.	.13½- —
l.c.l.	lb.	.14½- —
80% (68% fat), dms., c.l.	lb.	.14½- —
l.c.l.	lb.	.15½- —
Orange, sweet, dist., cs.	lb.	.50 - —
Expressed, African, cns., dms.	lb.	.80 - .85
Calif., cns.	lb.	1.00 - —
Messina, USP, coppers.	lb.	1.90 - 3.00
West India, cns.	lb.	1.68 - 1.70
Origanum, cns.	lb.	.99 - 1.25
Orris, Florentine, concrete, extra strong bots.	oz.	4.75 - 5.50
Palm, Niger, csks.	lb.	.03¾ Nom.
shipment	lb.	.03 - —
softs, 12½%, bulk, shipt.	lb.	.0250 Nom.
20%, bulk, shipt.	lb.	.0245 Nom.
Sumatra, shipt., bulk.	lb.	.0255 Nom.
Palmarosa, cns.	lb.	1.85 - 2.00
Palmkernel, bulk, shipt.	lb.	.0345 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
350° flash, 70-80 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots., cns.	lb.	3.35 - 6.50
Peanut, crude, dom., tanks.	lb.	.05 Nom.
refd., edible, bbls.	lb.	.08¼- .08¾
Pennyroyal, dom., cns.	lb.	2.10 - 2.15
import, cns.	lb.	2.05 Nom.
Peppermint, natural, cns., dms.	lb.	2.10 - 2.35
redist., USP, cns., dms.	lb.	2.25 - 2.50
Perilla, dms.	lb.	.12½ Nom.
tanks	lb.	.12 - —
Petitgrain, Paraguay, cns.	lb.	.80 - .85
Pimento berry, cns.	lb.	3.35 - 3.65
leaf, cns.	lb.	2.25 - 2.30
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.52 - .55
steam-dist., dms.	gal.	.59 - —
tanks	gal.	.54 - —
Pineneedle, Siberian, cns.	lb.	.95 - 1.00
Putty, bbls., E. Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25 - —
l.c.l., same basis.	gal.	.27 - —
tanks, same basis	gal.	.18 - —
Martinez, Cal.	gal.	.28 - —
Rapeseed, blown, bbls.	lb.	.14 - .14½
denat., bbls.	gal.	.81 - .82
Red, dist. or saponif. bbls., dlvd.	lb.	.07¾- .08¾
dms., dlvd.	lb.	.07¼- .08¼
tanks, dlvd.	lb.	.06½- —
white, dms.	lb.	.10¾- .11¾
Rose, artif., bots.	oz.	2.00 - 3.00
natural, coppers.	oz.	5.25 -22.50
Rosemary, Spanish, cns.	lb.	.56 - .75
dms.	lb.	.51 - .70
Rosin, 1st rectfd., dms.	gal.	.45 - —
2d rectfd., dms.	gal.	.47 - —
3d rectfd., dms.	gal.	.51 - —
Rue, bots.	lb.	3.00 - 3.50
Sage, cns.	lb.	1.60 - 1.65
Sandalwood, E. I., USP, cns.	lb.	4.50 - 4.95
Mysore, cns., case lots.	lb.	19s 6d
Sardine, crude, tanks, Pac. Cst.	gal.	.22 Nom.
refd., alkali, dms.	lb.	.0590- —
tanks	lb.	.0530- —
kettle bodied, dms.	lb.	.0710- —
light pressed, dms.	lb.	.0530- —
tanks	lb.	.0470- —
Sassafras, artif., cns.	lb.	.41 - .42
dms.	lb.	.39 - .40
natural, cns., dms.	lb.	.90 - 1.00
Savin, cns.	lb.	1.60 - 1.65
Savory, cns.	lb.	2.00 - 2.25
Sesame, refd., import, dms.	lb.	.09⅛- .09¼
Shingle stain, bbls., c.l., wks.,	gal.	.19 - —
l.c.l., works	gal.	.21 - —
tanks, works	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	9.50 -10.00
Soybean, dom., crude, dms.	lb.	.05½- .05⅝
tanks	lb.	.04½- —
refd., dms.	lb.	.06⅜- .06⅝
tanks	lb.	.05⅜- —
Spearmint, USP, cns.	lb.	1.70 - 1.75
Sperm, bleach, 38°, dms.	lb.	.0900- .0920
45° dms.	lb.	.0830- .0850
natural, dms.	lb.	.0780- .0800
Spruce, cns., dms.	lb.	.70 - .90
Sweet, birch, North, cns.	lb.	2.25 - 2.65
South, cns.	lb.	1.45 - 1.50
Tall, crude, dms., c.l., works,	ton.	45.00 - —
l.c.l., works.	ton.	50.00 -65.00
tanks, works	ton.	35.00 - —
refined, dms., c.l., works.	lb.	.05½- —
l.c.l., works	lb.	.06 - —
tanks, works	lb.	.05 - —
Tallow, acidless, bbls.	lb.	.07¾- —
tanks	lb.	.07⅛- —
Tansy, cns.	lb.	7.75 - 8.00
Tar, pine, cm'l, dms., c.l., dlvd., E. cities.	gal.	.26 - —
E. ports	gal.	.25 - —
l.c.l.	gal.	.26 - —
tanks, dlvd. E. cities.	gal.	.20 - —
Tar, pine, rectfd., USP, bbls., dlvd., E. ports.	gal.	.55 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.10 - .10½
refined, dms.	lb.	.11¼- .11½
Tea Tree (see Oil, Ti tree).		
Thyme, NF, red, dms.	lb.	1.10 - 1.15
white, dms.	lb.	1.15 - 1.25
Tung (see Oil, chinawood).		
Ti tree, cns.	lb.	2.40 - 2.90
Turkey red (see Oil, castor, sulphonated)		
Turpentine (see T).		
Turtle, cns.	gal.	4.25 - 5.00
Valerian, bots.	lb.	8.00 - 8.25
Vetiver, bots.	lb.	3.50 -15.00
Walnut, crude, dms.	lb.	.13 Nom.
refd., dms.	lb.	.14 - .14½
Whale, refd., natural, dms.	lb.	.0710- .0730
winter, bleach, dms.	lb.	.0750- .0770
Wheat germ, phar., cns., dms.	gal.	22.50 -30.00
feedstuff, cns., dms.	gal.	17.50 -25.00
White, mineral, dms., tech., 50-60 vis., dms.	gal.	.40 - —
65-75 vis., dms.	gal.	.42 - —
80-90 vis., dms.	gal.	.43 - —
USP, 80-90 vis., dms.	gal.	.46 - —
95-105 vis., dms.	gal.	.53 - —
125-135 vis., dms.	gal.	.60½- —
140-150 vis., dms.	gal.	.64 - —
175-185 vis., dms.	gal.	.68½- —
200-210 vis., dms.	gal.	.70½- —
320-330 vis., dms.	gal.	.76 - —
335-345 vis., dms.	gal.	.77 - —
Russian, 80-90 vis., dms.,	gal.	.46 - —
145-155 vis., dms.	gal.	.64½- —
175-185 vis., dms.	gal.	.68½- —
335-345 vis., dms.	gal.	.77 - —

...and the 5th Advantage is

DEPENDABILITY

in both the QUALITY *and the* SUPPLY *of* SKELLYSOLVE



A scene at our Lyman, Okla., plant—just one of the plants which assure a constant pure supply of Skellysolve year in, year out, for years to come.

Skellysolve's dependability takes two forms, both highly important to users of solvents in the paint, varnish and lacquer industry.

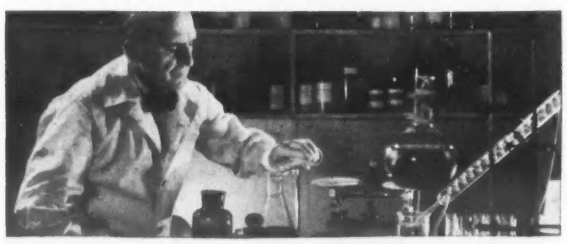
First, dependability in quality. Skelly was a pioneer in the solvent naphtha field, developed dependable special naphthas for many industries. And Skelly is still pioneering in close cuts of constantly controlled uniform quality.

Second, dependability in supply. No order is too large, or too sudden, to be filled promptly from our reserve stocks. Skelly's own fields assure an uninterrupted supply of close-cut fractions for years to come. Here is a source you know will not shut down over night.

But besides Skellysolve's special advantages as a lacquer diluent, you'll find other worthwhile features. Whatever type of solvent you need, you can enjoy Skellysolve *dependability*. Call us before you place your next order.

SKELLYSOLVE'S 5 Advantages as a Lacquer Diluent

1. **NO GREASY RESIDUES**—helps make better products. Drying is complete, rapid, with minimum gum formation.
2. **UNIFORMITY**—that you can depend on month after month. No necessity to change formulas for each shipment.
3. **CLOSE BOILING RANGES**—some as low as 18° F. from initial to dry flask endpoint. These ranges remain constant in storage and in formulas, with minimum of tendency to fractionate.
4. **LOW EVAPORATION LOSSES**—save you money, reduce fire hazard, and also lessen all tendency to blush.
5. **DEPENDABILITY**—Skelly's answer to cut-price competition. Unvarying high quality and swift, certain delivery are advantages of prime importance to users in every industry.



Skelly's position as a pioneer in the field is jealously maintained by never-ceasing research in close-cut fractions for industrial uses.

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.
A. Ernest MacGee, *Manager*

WRITE, WIRE OR PHONE FOR INFORMATION OR PRICES TODAY

Oil, wintergreen, natural, North. cns.	lb.	4.00 - 8.00
South, cns.	lb.	3.05 - 3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.30 - 2.40
Wormwood, cns.	lb.	3.75 - 4.00
Ylang-ylang, Bourb., bots., cns.	lb.	2.50 - 3.00
Manila, bots.	lb.	18.00 -24.00
Olivine, aggregate, c.l., mines,	ton.	5.00 - 8.00
Lumps, same basis	ton.	7.00 - —
Spalls, same basis	ton.	5.00 - —
ground, 200 mesh, c.l., mines,	ton.	15.00 - —
20 mesh to dust	ton.	10.00 - —
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns	lb.	12.50 -13.50
Orange, Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½ - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11 - —
Colo., Mont., N.M., Wyo.	lb.	.10¾- —
Other points	lb.	.10¾- —
smaller lots, dlvd., Ala., etc.	lb.	.11 - —
Ariz., etc.	lb.	.11½ - —
Colo., Mont., N. M., Wyo.	lb.	.11¼- —
Other points	lb.	.10¾- —
French, Tours, casks, ex dock.	lb.	.13½ - —
kgs., ex dock	lb.	.14½ - —
Molybdate, bbls.	lb.	.31 - —
Toner, bbls.	lb.	.80 - —
Orangeflower petals, cs.	lb.	.35 - .37
Orange peel, bitter, bls.	lb.	.08 - .09
sweet, bls.	lb.	.11 - .12
Orris root, Florentine, bgs.	lb.	.10 - .11
fingers, cs.	lb.	.85 - .90
powd., bbls., bxs.	lb.	.12 - .13
Verona, bls.	lb.	.08 - .09
powd., bxs., cs.	lb.	.12 - .13
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloroanilin, dms.	lb.	.60 - .75
Orthochlorophenol, dms.	lb.	.32 - —
Orthocresol, dms., c.l., works.	lb.	.16½- —
l.c.l., same basis	lb.	.17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06 - —
l.c.l., same basis	lb.	.07 - —
100-lb. tins, same basis.	lb.	.08 - —
50-lb. tins, same basis.	lb.	.09 - —
tanks, same basis	lb.	.05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.55 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange extract, cryst., bbls.,	lb.	.19 - —
liquid, 42°, bbls.	lb.	.08 - —
51°, bbls.	lb.	.09 - —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.65 - 4.00
Orthotoluene hydrochloride, dms.	lb.	.22 - —
Sulphonate, kgs.	lb.	2.00 - 2.05

P

Papain, powd., cs.	lb.	1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs.	lb.	.29½- .30
medium, bgs.	lb.	.28 - .28½
Portuguese, extra fancy, bgs.,	lb.	.28 - .29
fancy, bgs.	lb.	.27 - .28
Spanish, extra fancy, cs.	lb.	.33 - .34
Parachlorophenol, dms.	lb.	.45 - —
Paracymene, refd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11 - .12
l.c.l.	lb.	.12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.0280- .0290
bbls., c.l., N.Y.	lb.	.0285- —
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.0285- .03
bbls., c.l., N.Y.	lb.	.0290- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.0285- —
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.03¾- —
loose, c.l.	lb.	.0355- —
125-127 A.m.p., bgs., c.l.	lb.	.0390- —
loose, c.l.	lb.	.0370- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.0400- —
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0435- —
133-135 A.m.p., bgs., or loose, cl.	lb.	.0465- —
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0490- —
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0565- —
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0650- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.0850- —
Refined paraffin prices in cases are 1½c. lb. higher than bags price; sold in tankcars is .05c. lower.		
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½- .02¾
semirfd., solid., 122-124 A.m.p., bgs.	lb	.02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34 - —
100 to 900 lbs. shipments, same basis.	lb.	.35 - —
Paraldehyde, tech., 99% 55 and 100 gal. dms., c.l., works.	lb.	.1C - —
l.c.l., works	lb.	.11¼- —
5 and 10 gal, dms., works.	lb.	.15 - —
USP, cs., obys.	lb.	.37 - .45
Paranitroanilin, kgs., works.	lb.	.47 - —
Paranitrochlorobenzene, kgs.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs.	lb.	.30 - —
Paraphenylenediamine, bbls.	lb.	.75 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.48 - —
Pareira brava root, bls.	lb.	.15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23 - .23
less car lot, same basis.	lb.	.24 - .26
Passion flower, herb, bls.	lb.	.07 - .08
Patchouli leaves, bls.	lb.	.18 - .20
Pellitory root, bls.	lb.	.13 - .14
Pennyroyal leaves, bls.	lb.	.13 - .14
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½- —
l.c.l., G.3	gal.	.16 - —
tanks, G.3	gal.	.08½- —
laboratory grade, dms., c.l., G.3.	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
Pepper, black, Alleppey, bgs.	lb.	.07¼- .07½
Lampong, bgs.	lb.	.03¼- .03⅝
Tellicherry, bgs.	lb.	.07½- .07⅝
Red, chillies, Japan, Hontaka..	lb.	.17½- .17⅝
Mombassa, bgs.	lb.	.24 - .25
White, Java, Muntok, bgs.	lb.	.07¼- .07½
Saigon, bgs.	lb.	.06¾- .07
Peppermint leaves, dom., bls.	lb.	.23 - .23
import, bls.	lb.	.40 - .45
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08 - —
l.c.l., same basis	lb.	.08½- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½- —
l.c.l., same basis	lb.	.09 - —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —
Zone 4, dms., c.l., f.o.b., stock points.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	.66 - .68
Petrolatum, amber, dms., c.l.	lb.	.02¾- —
l.c.l.	lb.	.03¾- —
amber, extra, dms.	lb.	.02¾- —
l.c.l.	lb.	.04 - —
veterinary, dms., c.l.	lb.	.02½- —
Petrolatum, white, cream, dms., c.l.-lb.	lb.	.04¼- —
l.c.l.	lb.	.05¾- —
lily, dms., c.l.	lb.	.05¼- —
l.c.l.	lb.	.06¾- —
snow, dms., c.l.	lb.	.06¼- —
l.c.l.	lb.	.07¾- —

Petroleum, crude, bulk, at wells:—

California:—		
Alamitos Heights	bbl.	.74 - .86
Athens	bbl.	.84 - 1.00
Belridge	bbl.	.70 - 1.23
Buena Vista Hills	bbl.	.70 - 1.18
Canal-Greely	bbl.	.91 - 1.00
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.78 - 1.23
Domingues	bbl.	.70 - 1.00
East Coyote	bbl.	.76 - .96
Elk Hills	bbl.	.70 - 1.18
Elwood Terrace, f.o.b. ship.,	bbl.	1.28 - 1.43
El Segundo	bbl.	.80 - 1.21
Huntington Beach	bbl.	.78 - 1.23
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.76 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.76 - .96
Lakeview	bbl.	.70 - 1.38
Lost Hills	bbl.	.70 - 1.18
McKittrick	bbl.	.70 - —
Midway-Sunset (except Lakeview)	bbl.	.76 - 1.00
Montebello	bbl.	.77 - 1.75
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.18
Newhall	bbl.	.70 - —
Orcutt	bbl.	.70 - .98
Olinda Brea	bbl.	.76 - 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.06
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.49
Santa Maria	bbl.	.63 - .76
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.06
Wheeler Ridge	bbl.	.70 - .85
Whittier	bbl.	.76 - .96
Wilmington	bbl.	.75 - 1.21
Canada:—		
Oil Springs	bbl.	1.97 - —
Petrolia	bbl.	1.90 - —
Central West:—		
Illinois	bbl.	.53 - 1.05
Lima	bbl.	.90 - —
Western Michigan	bbl.	.88 - —
Princeton	bbl	1.05
East Texas	bbl.	.90 - 1.10
Gulf Coast:—		
Barber's Hill	bbl	.79 - 1.16
Batson	bbl.	.74 - 1.04
Dayton	bbl.	.95 - 1.41
Esperson	bbl	.79 - 1.19
Goose Creek	bbl.	.71 - 1.28
Hull	bbl.	.74 - 1.04
Humble	bbl.	.74 - 1.04
Liberty	bbl.	.79 - 1.19
Markham	bbl.	.90 - 1.29
Orange	bbl.	.79 - 1.14
Pettus	bbl.	1.29 - —
Pierce Junction	bbl.	.95 - 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	.79 - 1.28
Saratoga	bbl.	.74 - 1.04
Sour Lake	bbl.	.74 - 1.04
Spindle Top	bbl.	.74 - 1.04
Sugarland	bbl.	.71 - 1.28
West Columbia	bbl.	.71 - 1.13
Kentucky, Tennessee:—		
Big Sandy river	bbl.	1.02 - 1.12
Kentucky river	bbl.	1.10 - 1.20
Western Kentucky (Owensboro)	bbl.	1.10 - —
Louisiana, Arkansas:—		
Bull Bayou	bbl.	.73 - 1.08
Caddo	bbl.	.53 - 1.00
Cameron Meadows	bbl	.74 - 1.23
Choctaw	bbl.	.60 - 1.20
Cotton Valley	bbl.	.53 - 1.05
Darrow	bbl.	.60 - 1.20
De Sota	bbl.	.53 - 1.05
Haynesville	bbl.	.53 - 1.05
Homer	bbl.	.53 - 1.05
Iowa	bbl.	.74 - 1.18
Lockport	bbl.	.74 - 1.18
Magnolia	bbl.	.43 - 1.05
Miller County	bbl.	.43 - 1.05
Pine Island	bbl.	.73 - 1.08
Rainbow	bbl.	.78 - 1.08
Rodessa	bbl.	.53 - 1.05
Smackover	bbl.	.60 - .73
Tepetate	bbl.	1.08 - —
Urania	bbl.	.80 - —
Mexico, f.o.b. terminals Mexican port — based on contract:—		
Panuco	bbl.	No prices
Tuxpan	bbl.	No prices
Midcontinent:—		
North Texas	bbl.	.51 - 1.16
Oklahoma-Kansas	bbl.	.56 - 1.10
Pennsylvania, Ohio, West Virginia:—		
Bradford-Allegany	bbl.	2.00 - —
Corning	bbl.	1.93 - —
Pennsylvania grade, in		
Buckeye lines	bbl.	1.55 - —
Eureka lines	bbl.	1.59 - —
N. Y. Transit lines,	bbls.	2.00 - —
S. W. Penn. lines.	bbl.	1.65 - —
lower district in National Transit lines.	bbl.	1.86 - 1.93

Petroleum, crude, bulk, at wells,

Rocky Mountain —		
Big Muddy	bbl.	.88 - —
Canon City-Florence	bbl.	.90 - —
Cat Creek	bbl.	1.10 - —
Dutton Creek	bbl.	.86 - 1.10
Elk Basin	bbl.	.90 - —
Fort Collins-Wellington,	bbl.	.81 - 1.06
Frannie, light	bbl.	.85 - .92
Grass Creek, light	bbl.	.90 - —
Iles	bbl.	.92 - .96
Lance Creek	bbl.	.77 - —
Lander	bbl.	.51¼- —
Midway	bbl.	.86 - 1.10
Rock Creek	bbl.	1.00 - —
Salt Creek	bbl.	.86 - 1.10
Sunburst	bbl.	1.20 - —
Torchlight	bbl.	1.80 - —
South Central and Southwestern Texas:—		
Cass County	bbl.	.73 - 1.06
Cleveland-Liberty	bbl.	1.14 - —
Conroe	bbl.	1.27 - —
Darst Creek	bbl.	.96 - —
Hardin-Liberty	bbl.	1.00 - 1.03
Luling	bbl.	.87 - —
Lytton Springs	bbl.	.90 - —
Mirando, (incl. Duval).	bbl.	.74 - 1.33
Panola County	bbl.	.73 - 1.03
Salt Flat	bbl.	.96 - —
Tomball	bbl.	.95 - 1.41
Van	bbl.	.88 - —
West Beaumont	bbl.	.70 - 1.28
Texas Panhandle:—		
Carson-Hutchinson counties,	bbl.	.67 - 1.01
Gray County	bbl.	.72 - 1.06
West Texas:—		
Artesia, N. M.	bbl.	.81 - —
Crane	bbl.	.41 - .95
Crockett	bbl.	.41 - .95
Ector	bbl.	.41 - .95
Eddy (N. M.)	bbl.	.41 - .95
Howard	bbl.	.41 - .95
West Texas, Jackson, N.M.	bbl.	.61 - .85
Jackson, N. M.	bbl.	.61 - .85
Lea, N. M.	bbl.	.41 - .95
Maljamar, N. M.	bbl.	.61 - .85
Mitchell	bbl.	.63 - .95
Pecos	bbl.	.65 - .95
Upton	bbl.	.41 - .95
Winkler	bbl.	.41 - .95
Ether, 30-60° dms., c.l., G.3,	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
60-75°, dms., l.c.l., G.3	gal.	.30 - —
60-75°, dms., c.l., G.3	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
laboratory grade, dms., c.l., G.3.	gal.	.14 - —
c.l., G.3	gal.	.25 - —
10-gal. lots, G.3	gal.	.50 - —

Lacquer, diluent, at refinery:—

California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles	gal.	.11 - —
San Francisco	gal.	.11½- —
f.o.b. Richmond	gal.	.11 - —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
East Coast, tanks	gal.	.09 - —
Group 3, tanks	gal.	.07¾- .07½
Naphtha, cleaners', at refinery:—		
East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.06¾- .06½
tankwagon, Boston, ex tax.	gal.	.12¼- .12½
Chicago, inc. 4c. tax.	gal.	.15 - —
Decatur, inc. 4c. tax.	gal.	.181 - —
Des Moines, inc. 4c. tax.	gal.	.179 - —
Evansville, Ind., ex tax.	gal.	.135 - .145
Milwaukee, inc. 5c. tax.	gal.	.193 - —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.177 - —
Newark, ex tax.	gal.	.09 - —
New Orleans, ex tax.	gal.	.11 - —
New York, ex tax.	gal.	.09 - —
Omaha	gal.	.131 - .14
Philadelphia, ex tax.	gal.	.10½- .12½
St. Louis, inc. 1c. tax.	gal.	.129 - —
Tulsa, ex tax.	gal.	.10 - .11
thinners, at refinery:—		
California, 24, 325 l.b.p., 390 e.p., low sulfin, 6,000 gal. tanks or transport		

Oil, Wintergreen—Potash, Carb.

trucks, f.o.b. Los Angeles.	gal.	.15 - —
Portland, Ore.	gal.	.16 - —
Richmond	gal.	.14½- —
Seattle, Wash.	gal.	.16½ - —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.,	gal.	.10½- —
Richmond	gal.	.10 - —
Southern Calif.	gal.	.09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo,	gal.	.11 - —
Portland, Ore.	gal.	.12 - —
Richmond	gal.	.11½- —
Seattle, Wash.	gal.	.12 - —
East Coast, 43-47, tanks.	gal.	.08½- —
47-49, tanks	gal.	.09½- .10
New Jersey, tanks	gal.	.08½- —
Group 3 tanks	gal.	.06¾- .06½
tankwagon, tax included:—		
Albany	gal.	.13 - —
Baltimore (100 gals.)	gal.	.12½- .13½
25-99 gals.	gal.	.12½- .15½
Boston	gal.	.13 - —
Bound Brook, North Amboy, N. J.	gal.	.11½- .13½
Bridgeport, Conn.	gal.	.11 - —
Buffalo	gal.	.15 - —
Camden, N. J.	gal.	.10 - .12
Chicago	gal.	.162 - —
Decatur, Ill.	gal.	.176 - —
Des Moines	gal.	.174 - —
Evansville, Ind.	gal.	.137 - .147
Milwaukee	gal.	.188 - —
Minneapolis-St. Paul	gal.	.19 - —
Newark	gal.	.09 - —
New York (200 gals.)	gal.	.09 - —
Omaha	gal.	.131 - .141
Philadelphia	gal.	.10 - .12
Pittsburgh	gal.	.11½- .13½
Providence	gal.	.11½- —
Rochester	gal.	.12 - —
St. Louis	gal.	.142 - —
Syracuse	gal.	.12¾- —
Trenton	gal.	.10 - —
Wilmington, Del.	gal.	.10 - .12
Phenobarbital, 5-lb. bots.	lb.	3.95 - —
bots. or cns., 100 lbs., spot or contract.	lb.	3.60 - —
25-lb. cns.	lb.	3.95 - —
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.13 - —
l.c.l., same basis	lb.	.13¾- —
under 1,000 lbs.	lb.	.14¾- —
tanks, works.	lb.	.12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.	lb.	.85 - —
bbls., dms., kegs, 100-250 lbs.,	lb.	.87 - .89
yellow, fib., dms., 2,000-lb. lots.	lb.	.80 - —
100-lb. fib., dms.	lb.	.82 - —
25-lb. dms.	lb.	.87 - —
50-lb. kgs.	lb.	.84 - —
Phenyl chloride, dms.	lb.	.17 - —
Phenylacetaldehyde, bots.	lb.	2.10 - 3.50
Dimethylacetate, cns.	lb.	14.50 -15.00
Phenyl ethyl acetate, cns.	lb.	2.45 - 2.50
Phenylethylphenyl acetate, bots.,	lb.	7.90 -15.50
Phenylhydrazine, base, CP, bots.,	lb.	4.00 - —
Hydrochloride, CP, bots., works.	lb.	4.00 - —
commercial, kgs., works.	lb.	1.50 - —
pure, bbls., works.	lb.	2.25 - —
Phloroglucinol, CP, tins, works.	lb.	20.00 -22.00
tech., tins, works.	lb.	15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.	long ton.	4.35 - —
land pebble, 68% min., bulk, mines.	long ton.	1.90 - —
land pebble, 70% min., bulk, mines.	long ton.	2.15 - —
72% min., bulk, mines.	long ton.	2.40 - —
75% basis, 74% min., bulk mines.	long ton.	2.90 - —
Tenn., 72% bulk, mines, long ton.		4.50 - —
75% bulk, mines.	long ton.	5.50 - —
Phosphorus, red, cs.	lb.	.40 - .44
yellow, dms.	lb.	.18 - .20
cases	lb.	.23 - .25
Oxychloride, cyls.	lb.	.15 - .18
Pentoxide, dms., c.l., works,	lb.	.11 - .12
l.c.l., dms., wks.	lb.	.13 - .14
Sesquisulphide, cs.	lb.	.38 - .42
Trichloride, cyls.	lb.	.15 - .16
Phthalamide, bbls., works, tons.	lb.	.35 - —
single bbls., works	lb.	.40 - —
kgs., works	lb.	.45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½- —
l.c.l., same basis	lb.	.15½- —
Pichi leaves, bgs.	lb.	.16 - .17
Pilocarpine hydrochloride, bots., vis.	oz.	2.25 - 2.35
Nitrate, bots., vis.	oz.	1.75 - 2.00
Pimento, bgs.	lb.	.15 - .15½
Pinkroot, bls.	lb.	.31 - .32
Pitch, Burgundy (see B).		
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00 - —
l.c.l.	ton.	22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron.	ton.	23.75 -24.00
Linseed, dms.	lb.	.05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).		
Pine, bbls.	bbl.	6.00 - 6.25
Plaster of paris (see Gypsum).		
Pleurisy root, Southern, bls.	lb.	.14 - .16
western, bls.	lb.	.10½- .11
Podophyllin, dms., dlvd. E. of Miss.	lb.	4.50 - 4.70
Poke root, bls.	lb.	.07 - .07½
Pomegranate bark, bgs.	lb.	.16 - .17
Root bark, bgs.	lb.	.25 - .26
Poppy flowers, red, bls.	lb.	.90 - 1.00
Seed, Dutch, bgs.	lb.	.07¼- .07½
Polish, bgs.	lb.	.06¾- .07¼
Potash abietate	lb.	.68 - —
Acetate, tech., bbls., dlvd.	lb.	.36 - —
kgs., dlvd.	lb.	.39 - —
USP, bbls., 350 lbs.	lb.	.36 - —
kgs., 100 lbs.	lb.	.39 - —
cns., 25 lbs.	lb.	.43 - —
Arsenite, USP, solut., obys., 100 lbs.	lb.	.11 - —
demi., 50 lbs.	lb.	.13 - —
Bicarbonate, USP, eryst., bbls., 300 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —
gran., bbls., 350 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —
Bichromate, spot, c.l., works	lb.	.06¾- —
6 casks or 10 bbls., or over, works.	lb.	.09 - —
5 casks or 9 bbls., or less, works.	lb.	.09¼- —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31 - —
fib., dms., 100 lbs.	lb.	.29 - —
Carbonate, calc., dms., c.l., works.	lb.	.06¼- —
l.c.l., same basis	lb.	.06¾- —
hydrated, 82-85%, bbls., c.l., works.	lb.	.05½- —
l.c.l., same basis	lb.	.06¾- —
liquid, dms., c.l., dlvd.	lb.	.02 - —
l.c.l., dms.	lb.	.03½- —
tanks, dlvd.	lb	.026?½- —
USP, gran., bbls., 325 lbs.	lb.	.13½- —
powd., bbls., 325 lbs.	lb.	.19 - —
kgs., 100 lbs.	lb.	.21 - —

Potash, Caustic—Red, Eosin

Potash, caustic, flake, 88-92%, dom., c.l., works	lb.	.07 - —
l.c.l.	lb.	.07¼- .07½
import, dms	lb.	.07 - .07½
liquid, 45% basis, dms	lb.	.03½- .03¾
tanks	lb.	.02⅞- —
solid, 88-92%, dom., dms., c.l., works	lb.	.06¼- —
l.c.l.	lb.	.06½- .06⅝
import, dms	lb.	.06¼- .06⅜
Chlorate, cryst., kgs	lb.	.09¼- .09⅜
gran., kgs	lb.	.12 - .13
powd., kgs	lb.	.08½- .09
Chloride, tech., 96%, cryst., bgs., kgs.	lb.	.04 - .06
Chromate, kgs	lb.	.24 - .27
Citrate, USP, gran., bbls., 250 lbs.	lb.	.33½- —
kgs., 100 lbs	lb.	.34½- —
cns., 50 lbs	lb.	.35½- —
cns., 25 lbs	lb.	.37½- —
Cyanide, cns., dms	lb.	.50 - .55
Cyanide, gold, 41% gold, bots., works	oz.	14.20 -15.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots	lb.	.90 - —
100-lb. lots	lb.	1.00 - —
50-lb. lots, cbys. or cns.	lb.	1.05 - —
25-lb. lots, cns.	lb.	1.15 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots	lb.	1.60 - 1.65
cns., 25 lbs	lb.	1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs.		.30½- .32
Hypophosphite, cns., 100 lbs., lb.		.72 - —
25 to 50 lbs	lb.	.75 - —
Iodate, bots., 5 lbs	lb.	3.31 - 3.35
cns., 25 lbs	lb.	3.20 - —
Iodide, bbls., 250 lbs	lb.	1.13 - —
bots. or cns	lb.	1.22 - 1.48
dms	lb.	1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f. ports	ton.	12.25 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.l.f. ports	unit-ton.	.58½- —
import, 30% K_2O, bulk, shipt.	unit-ton.	.59½- —
Metabisulphite, kgs.	lb.	.11 - .12½
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton.		.53½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton.		.53¼- —
Potash muriate prices in bags are $2 per ton higher than bulk price.		
Oxalate, pure, cryst., kgs.	lb.	.30 - .31
tech., bbls.	lb.	.25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton.		53.00 Nom.
Perchlorate, kgs., works	lb.	.09 - .10½
Permanganate, tech., dms	lb.	.18½- .19
Prussiate, red, bbls.	lb.	.30½- .34
Yellow, bbls.	lb.	.14 - .15
Ricinoleate, tech., bbls.	lb.	.13 - —
Silicate alkaline, lump, bgs., lb.		.07 - —
Sulphate, NF, cryst., bbls., 400 lbs.	lb.	.12 - —
kgs., 100 lbs	lb.	.15 - —
powd., bbls., 350 lbs	lb.	.14 - —
kgs., 100 lbs	lb.	.16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports.	ton.	36.25 - —
l.c.l.	lb.	.13½- —
Xanthate, dms., c.l.	lb.	.12 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.,	ton.	24.75 - —
Potash-titanium oxalate, kgs.	lb.	.35 - .40
Prickly ash bark, bls.	lb.	.12 - .15
Berries, bgs., to arrive	lb.	No stocks
Prince's pine herb, bls.	lb.	.15 - .16
Propane, tanks, G.S.	gal.	.08 - —
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.	lb.	.17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	.03 - —
less than 3, works	lb.	.03½- —
F and 1, bbls., 3 or over, works	lb.	.03½- —
less than 3, works	lb.	.04 - —
O, O-½, O-¾, and ½ bbls., less than 3, works	lb.	.04½- —
3 or over, works	lb.	.04 - —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y.	ton.	32.65 Nom.
l.c.l., 5-29 tons, ex whse.,	ton.	37.70 - —
1,000-10,000 lbs., ex whse.	ton.	38.70 - —
2 bgs., to 1,000 lbs., ex whse,	ton.	40.70 - —
single bgs., ex whse.	ton.	45.70 - —
Pumpkin seed, bgs.	lb.	.09 - .10
Purple lake (see Red).		
Putty, com'l, dms.	100 lbs.	6.00 - —
linseed oil, raw, dms.	100 lbs.	4.50 - —
refined, dms.	100 lbs.	5.00 - —
standard, dms.	100 lbs.	3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless	gal.	7.15 - 7.50
basis (30 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless	gal.	10.65 -11.00
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over	lb.	.33 - .36
fine powd. Japan, bbls., ton lots frt. alld.	lb.	.35 - .37
Pyridin, denaturing, dms.	gal.	1.63 - —
refd., 2°, dms.	lb.	.50 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports.	unit-ton.	.12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins	lb.	2.15 - 2.40
resublimed, fib. dms., tins	lb.	4.60 - —
Pyrophyllite, standard, 200 mesh., c.l. mines.	ton.	9.00 - —
325 mesh, same basis	ton.	12.00 - —
No. 3, 200 mesh c.l. mines.	ton.	7.50 - —
325 mesh, same basis	ton.	10.50 - —
Pyroxylin, scrap, amber, cs., works	lb.	.12 - —
black, cs., works	lb.	.10 - —
China white, ivory, cs., works, lb.		.13 - —
dense white, cs., works	lb.	.10 - —
gray, cs., works	lb.	.08 - —
mixed, mottles, opaque, cs., works	lb.	.04 - —
shell-demi, cs., works	lb.	.12 - —
translucent pastels, cs., works	lb.	.10 - —
shell-demi, transparent, cs., works	lb.	.20 - —
colors, cs., works	lb.	.12 - —
shavings, amber, cs., works	lb.	.16 - —
colors, mixed, cs., works	lb.	.10 - —
white, cs., works	lb.	.15 - —

Q

Quassia chips, bls.	lb.	.05 - .06
Quebracho extract, liquid, 35% tan, bbls., works	lb.	.03⅜- —
tanks, works	lb.	.02⅞- —
solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.04 - —
clarified, 64%, bgs., c.l., same basis	lb.	.04¼- —
Queen of the meadow leaves, bgs.	lb.	.07 - .08
Root, bgs.	lb.	.08 - .09
Quercitron, extract, liquid, 51°, bbls.	lb.	.07½- .08½
solid, dms.	lb.	.10 - .15½
Quicksilver, dom., flasks, (76 lbs. net, dlvd., N. Y.	flasks.	82.50 -84.50
European, flasks, (76 lbs. net) in bond.	flasks.	78.00 - —
Quince seed, bgs.	lb.	.55 - 1.10
Quinidine, cryst., small, cns.	oz.	.90 - —
large, cns.	oz.	.98 - —
powd., precip., cns.	oz.	.91 - —
Sulphate, cns.	oz.	.67 - —
Quinine, 100 ozs., cns.	oz.	.76 - —
Acetate, cns.	oz.	.99 - —
Arsenate, cns.	oz.	.92 - —
Arsenite, cns.	oz.	1.01 - —
Bisulphate, cns.	oz.	.54 - —
Citrate, cns.	oz.	.72 - —
Dihydrobromide, bots.	oz.	.75 - —
Dihydrochloride, bots.	oz.	.75 - —
Ethylcarbonate, cns.	oz.	.75 - —
Ferrocyanide, cns.	oz.	1.01 - —
Formate, cns.	oz.	.94 - —
Glycerophosphate, cns.	oz.	1.14 - —
Hydrochloride, cns.	oz.	.68 - —
Hydrochlorosulphate, cns.	oz.	.75 - —
Hydriodide, cns.	oz.	.99 - —
Hypophosphite, cns.	oz.	.99 - —
Quinine, phosphate, cns.	oz.	.82 - —
Salicylate, cns.	oz.	.73 - —
Sulphate, USP, X, cns.	oz.	.54 - —
USP, XI, cns.	oz.	.61 - —
Sulphocarbolate, cns.	oz.	.97 - —
Tannate, cns.	oz.	.97 - —
Tartrate, cns.	oz.	.97 - —
Valerate, cns.	oz.	.93 - —
Quinine-urea hydrochloride, cns.	oz.	.75 - —

R

R. salt, dry, bbls.	lb.	.55 - —
paste, dms.	lb.	.52 - —
Rapeseed, Belgian, bgs.	lb.	.0585- .0606
Dutch, black, bgs.	lb.	.06¼- .06½
red, bgs.	lb.	.07¼- .07⅝
Japanese, bgs.	lb.	.05⅝- .06
Raspberries, dried, bls.	lb.	.40 - .44
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1¼c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago		
Cadmium, lithopone, deep shade, bbls., ton lots, works frt. alld.	lb.	.85 - —
smaller lots, same basis, lb.		.90 - —
kgs., ton lots, same basis, lb.		.90 - —
smaller lots, same basis, lb.		.95 - —
Red, cadmium, lithopone, light shade, bbls., ton lots, same basis.	lb.	.70 - —
smaller lots, same basis, lb.		.75 - —
kgs., ton lots, same basis, lb.		.75 - —
smaller lots, same basis, lb.		.80 - —
light-medium shade, bbls., ton lots, same basis.	lb.	.75 - —
smaller lots, same basis, lb.		.80 - —
kgs., ton lots, same basis, lb.		.80 - —
smaller lots, same basis, lb.		.85 - —
maroon shade, bbls., ton lots, same basis.	lb.	.95 - —
smaller lots, same basis, lb.		1.00 - —
kgs., ton lots, same basis, lb.		1.00 - —
smaller lots, same basis, lb.		1.05 - —
medium shade, bbls., ton lots, same basis.	lb.	.80 - —
smaller lots, same basis, lb.		.85 - —
kgs., ton lots, same basis, lb.		.85 - —
medium shade, kgs., smaller lots, same basis.	lb.	.90 - —
selenide, bbls., dark, works, lb.		2.50 - —
light, works	lb.	2.25 - —
Orange, bbls., 100-lb. lots, works.	lb.	1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb.		4.50 - —
dms., 500-lb. lots	lb.	4.35 - —
100-lb. lots	lb.	4.45 - —
Crocus martis (see Red, purple oxide).		
Eosin toner, bbls.	lb.	1.50 - 1.60

"Pardon me, Professor, but my wife would like to know what you meant when you said that some men marry out of sheer bravado."

It's sheer bravado not to use

NIAGARA CARBONATE OF POTASH

And the same goes for Niagara Caustic Potash and Caustic Soda.

NIAGARA ALKALI COMPANY
Niagara
ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Co., Pioneer Manufacturer of Liquid Chlorine

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Prepared Monthly by U. S. Industrial Chemicals, Inc.

USI ALCOHOL NEWS USI

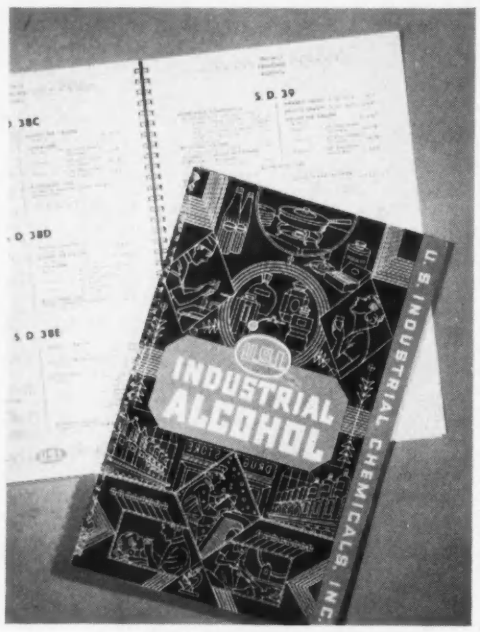
August ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1939

New Alcohol Manual Published by U.S.I.

96 Page Handbook Lists Formulas, Uses, Regulations, Technical Data

A completely revised edition of U.S.I.'s handbook, Industrial Alcohol, long relied on as a handy reference and guide by many users, has just been issued.

The new book incorporates all the latest changes in authorized C.D. and S.D. formulas and gives the industrial alcohol user, for the first time in convenient form, a complete record of the authorized uses for specially



denatured alcohol under the present code system of classification. This system, announced in SOLVENT NEWS for February 1939, classifies the uses for S.D. alcohol under 15 broad divisions, and approximately 90 subdivisions.

(*Continued on next page*)

Insect Repellent and Suntan Lotion Employs "BMOO"

WASHINGTON, D. C.—Under the trade name BASK—Kilgore Development Corporation, on an exclusive basis, is offering in certain localities, through drug, sporting, and specialty stores, a combination Suntan and Insect Repellent Lotion, in which U.S.I.'s new product Butyl Mesityl Oxide Oxalate, "BMOO," is the active ingredient.

"BMOO" is produced exclusively by U. S. Industrial Chemicals, Inc. This new synthetic is described in detail in the August issue of SOLVENT NEWS, appearing in leading chemical journals this month. Copies of the August issue of SOLVENT NEWS and further information on "BMOO" may be obtained by writing to U.S.I.

According to the Kilgore Development Corporation, BASK has met with phenomenal success during the brief time it has been on the market this summer. Due to the increasing interest in this unique dual purpose product, and the number of repeat orders received, it is planned, eventually, to widen the distribution for BASK to a national scale.

Second U.S.P.-XI Revision Presages Many Changes

WASHINGTON, D. C.—Additions and revisions to be published in the second U.S.P.-XI supplement were proposed at a public hearing in this city last month by the U.S.P. Revision Committee.

According to the announcement, among the many new substances to be admitted to the Pharmacopoeia, unless objections are raised, are: ascorbic acid, thiamin hydrochloride and nicotinic acid (all three vitamin products); mandelic acid, tribasic calcium and tribasic magnesium phosphates, cyclopropane, activated ergosterol in oil, methylrosaniline chloride, phenobarbital solution, and sulfanilamide.

Other changes, in addition to many assay methods, are reported to include increasing the alcohol content range of mild tincture of iodine from 44 to 50 per cent and of tincture of kino from 70 to 76 per cent by volume.

The new supplement is now expected to be issued early this month and to become effective on January 1, next, coincident with the effective date of the principal labeling provisions of the new Federal Food, Drug, and Cosmetic Act.

Special Bulletin To Insecticide Manufacturers

A new activator for insecticides to boost "kill power" and reduce costs, comprises a solution of derris root extractives in a special auxiliary solvent, Butyl Mesityl Oxide Oxalate, made by U.S.I. This new concentrate, known as DEREX, is offered exclusively by U. S. Industrial Chemicals, Inc., as a raw material for incorporation in liquid insecticidal sprays for use in the household, for livestock, and many other applications where such insecticides are required.

Tests made by an independent laboratory show that this solution of derris extractives gives much higher kill power per unit cost and its incorporation in spray insecticides adds amazingly to their repellent effect.

A detailed report of this new product and the tests of its efficiency, appears in the August issue of SOLVENT NEWS, copies of which may be obtained by writing to U.S.I.

Export Markets For Medicinals Reported by Commerce Dept.

WASHINGTON, D. C.—A report on foreign markets for American medicinals, pharmaceuticals, and biologicals was issued here last month by the Bureau of Foreign and Domestic Commerce. It is a detailed study of the markets, extent and character of demand, competition, local production, distribution methods, and other data helpful to American manufacturers and exporters.

The last such report, issued in 1929, showed the U. S. as the world's largest exporter of medicinal products. Today, however, U. S. is shown in fourth place.

Copies of the study known as "Foreign Markets for American Medicinal Products" Trade Promotion Series 193, may be obtained at 15 cents per copy from the Superintendent of Public Documents, this city, or any district office of the Bureau of Foreign and Domestic Commerce.

Alcohol-Acetone Skin Antiseptic Gives Good Results

Preoperative Skin Sterilization Studied to Determine Efficiency

ST. LOUIS, Mo.—Applications of 50 per cent ethyl alcohol—10 per cent acetone solution, a common solvent for antiseptics, are reported to show surprisingly high germicidal results and to destroy more than 96 per cent of the bacteria on the skin according to studies made by Drs. Milan Novak and Harry Hall of the University of Minnesota and reported in *Surgery* here.

Alcohol-Acetone Solvent As Base

This 50 per cent alcohol—10 per cent acetone solvent was used as a base for the antiseptics which were tested, as earlier investigators reported that it had good antiseptic value and defatting action on the skin. Other advantages reported are rapidity of drying—fast, yet not too rapidly to prevent adequate antiseptic action—low surface tension, insuring penetration of minute depressions in the skin surface, low cost, and non-irritating characteristics.

The antiseptics tested were mercresin, iodine 1%, mercuric chloride 0.1%, tricresol 2%, metaphen, Harrington's Solution, merthiolate, tincture green soap, iodine 1%-tricresol ¾% (and same in 70% alcohol), and 1:1,500 mercuric chloride-½% tricresol. This last was reported to provide a 99.6% efficiency in destroying staphylococci and 100% efficiency on diphtheroids, the most efficient of the group. Also, it showed erythema or skin irritation. A formula is given as follows:

Alcohol, 95%	525 c.c.	Mercuric chloride	0.7 gm.
Acetone	100 c.c.	Eosin Y	0.6 gm.
Water	375 c.c.	Acid fuchsin	0.08 gm.
Tricresol	5 c.c.		

(*Continued on next page*)

Television Make-up

Here film actress Jane Grant demonstrates the standard television make-up perfected by Max Factor, Jr., Hollywood's internationally famous make-up and beauty adviser. This revolutionary technique is required for satisfactory telecasts, says Mr. Factor, so that facial features will appear clear, sharp, natural. It is necessary to use white high-lighting around the nostrils, the eyes and hollows of the throat; lips are blue-black, as are eyebrows and eyelashes. The cheeks, with a light tan foundation, are overlaid with a bluish powder.

ADVERTISEMENT—*This entire page is a paid advertisement.*

August ★ ALCOHOL NEWS ★ 1939

Reports On Properties For Aluminum Sulphocarbolate, New Deodorant Ingredient

Properties of aluminum sulphocarbolate, comparatively new ingredient for deodorants and anti-perspirants, are reported in a recent article in the *American Perfumer*.

Readily soluble in alcohol and water, slightly so in glycerine, it is an odorless, crystalline salt that meets U.S.P. tests for heavy metals and is low in sulphates, states the article. While the usual incompatibilities of aluminum salts are present, the product is compatible with a long list of cosmetic ingredients including: benzoic, boric, formic and salicylic acids; acetanilid, potassium alum, camphor, formaldehyde, glycerine and glyceryl monostearate, lanolin, kaolin; magnesium, calcium, aluminum and zinc stearates, thymol, cetyl alcohol; the sulphonated fatty alcohols and other ingredients, according to the article.

Additional notes and references are given regarding formulations.

New U.S.I. Alcohol Manual

(*Continued from previous page*)

For the convenience of the reader, sections have been devoted to Pure, Completely Denatured, and Specially Denatured Alcohols, and to U.S.I.'s proprietary products—SOLOX, SUPER PYRO, and U.S.I. Denatured Alcohol Anti-freeze. Under each section is a working summary of Government Regulations. The authorized composition and uses for each formula, together with physical properties and commercial information, are also included.

In addition, a special section is devoted to technical information which includes U.S.P. Methods of Testing, tables on physical characteristics, gauging of tank cars and other pertinent data.

Every user of industrial alcohol will find this new U.S.I. book, Industrial Alcohol, indispensable as a ready reference manual. A copy may be obtained by sending a request on your business letterhead.

Alcohol-Acetone Antiseptic

(*Continued from previous page*)

The eosin Y and acid fuchsin are added to outline the field.

This mercuric chloride-tricresol combination in alcohol-acetone fulfills the requirements for a skin antiseptic and, since its cost is comparatively low, its use for skin sterilization is highly recommended, the article concludes.

Odorants, Perfumes, For C. D. Alcohol Denaturants

WASHINGTON, D. C.—Odorants and perfume materials in amounts not greater than 1 part to 250 by weight may be added to authorized denaturants for completely denatured alcohol, according to an announcement issued by Stewart Berkshire, Deputy Commissioner of the Treasury Department's Internal Revenue office, here. Such addition is permitted only by the producer of the denaturant who must advise the Department of the names and properties of the adulterants so used. It is also stated that such additions may not decrease value or change the chemical or physical constants of present denaturant specifications except as to odor.

Sulfapyridine Finds New Uses, New Form Reported Developed

SARATOGA SPRINGS, N. Y.—The combination of sulfapyridine and anti-pneumonia serum is more successful in treating pneumonia than either used alone, Dr. Maxwell Finland told members of the Conference of Health Officers and Public Health Nurses meeting here recently. About two-thirds of the cases of pneumococcus pneumonia can be successfully treated with serum while sulfapyridine is probably useful with all types and is probably as successful as sulfanilamide in treating hemolytic streptococcus infections, Dr. Finland said. He also stated the drug may prove useful in some cases of staphylococcus aureus infection.

Soluble Form Developed

BALTIMORE, Md.—A soluble form of sulfapyridine for parenterla injection was described here before the Medical Division of the American Chemical Society recently. The compound, 2-p-(N-sodium methylene sulfanate) sulfanilamido-pyridine (called sulfapyridine soluble for short) is reported to have more certain absorption and less tendency to cause gastric irritation. It was also pointed out that $4 to $5 worth of sulfapyridine or sulfapyridine soluble is the amount required in treating an average case of pneumonia.

In Treatment of "Ritter's Disease"

CLEVELAND, Ohio—Successful treatment of the rare and usually fatal "Ritter's Disease" by the use of sulfapyridine was reported by a dermatologist here recently. At the present time the cause of this ailment remains unknown.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A new alcohol dispenser for use in hospitals, clinics, etc., has been announced. It is equipped with a foot pedal which controls flow from a spray nozzle, and so leaves hands and arms free for washing, according to the manufacturer. **(No. 240a)**

U S I

New type deodorant is reported as an emulsion containing 15% aluminum chloride in a fatty base of over 50% fats. It is claimed that the product can be made and kept stable by addition of 2% of a special emulsifier in a petroleum base. **(No. 241a)**

U S I

Better rinsing properties and skin lubrication with brushless shave creams are claimed by the addition of 1% of a new gum-like chemical. It is also reported to reduce the necessary glycerine content of the formula. **(No. 242a)**

U S I

A new emulsifier for fatty creams which does not contain cholesterin or its derivatives has been announced. Called Albumol, because of its chemical resemblance to polypeptids like albumins, the emulsifier is reported to produce creams that are only slightly acid and to which other acids such as citric may be added. **(No. 243a)**

U S I

Pure fatty acids, including palmitic, stearic, caprylic, lauric, myristic, capric, various standard fatty acid mixtures, and a number of unsaturated C_{20} and C_{22} acids are reported available in commercial quantities. **(No. 244a)**

U S I

A combination grinding, mixing, emulsifying, homogenizing and separating machine is announced. The manufacturer claims that various tests indicate its use has contributed to more efficient manufacture of a variety of lotions, ointments, and similar products. **(No. 245a)**

U S I

A new coating material for paper, paper-board, metal, leather, glass, etc., is said to resist oils, gasoline, greases. It is also claimed to be useful in printing inks where it adds gloss and can be used as a carrier for dyes, pigments, etc. It is dissolved in alcohol for application. **(No. 246a)**

U S I

Protection of metal surfaces from oxidation and corrosion by acid fumes is claimed for a new transparent coating that is also said to form an excellent base for paints. This new product is suggested as especially suitable for guarding metal sheets from rust. The manufacturer states it will not affect the metal surface and may be removed, if desired, by mild solvents. **(No. 247a)**

U S I

A permanent marking ink for glass and porcelain requires only an ordinary pen for application, according to a current report. It is also stated that the ink dries very quickly and can be removed only with an abrasive. Four colors—white, blue, black and red, are offered. **(No. 248a)**

U S I

New sealing materials claimed to prevent water seepage through earth, wood and concrete are offered for use in sealing storage reservoirs, small lakes and streams, etc. The materials are supplied as a powder and are said to form a gelatinous mass, filling the voids in the retaining or construction materials. **(No. 249a)**

U.S.I. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N. Y. (U.S.I.) BRANCHES IN ALL PRINCIPAL CITIES

A SUBSIDIARY OF U. S. INDUSTRIAL ALCOHOL CO.

ALCOHOLS
Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Methanol

Ethyl Alcohol
Anhydrous
Absolute
C. P. 96%
Pure (190 proof)
Specially Denatured
Completely Denatured
U. S. I. (Denatured Alcohol Anti-freeze)
*Super Pyro Anti-freeze
*Solox Proprietary Solvent

***ANSOLS**
Ansol M
Ansol PR

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate

ESTERS, ETHYL
*Diatol
Diethyl Carbonate
Diethyl Oxalate
Ethyl Chlorocarbonate
Ethyl Formate
Ethyl Lactate

*Registered Trade Mark

ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER ESTERS
Amyl Propionate
Butyl Propionate
Dibutyl Oxalate

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Sodium Ethyl Oxalacetate

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

OTHER PRODUCTS
Acetone, C.P.
Butyl-mesityl-oxide-oxalate
Cellulose Acetate
Collodions
*Curbay Binders
*Curbay X (Dried Curbay)
*Derex
Ethylene
Methyl Acetone
Nitrocellulose Solutions
Potash, Agricultural
*Vacatone

Red, indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y....lb. .08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.10 - —
open order .....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contrs...lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .20 - .23
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts..lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 1.56 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works.lb. .08½- —
l.c.l., works .....lb. .09½- —
shell, dom., cs., works.....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- .04⅝
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 5 tons..lb. 1.52 - —
smaller lots.....lb. 1.55 - 1.59
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.81 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.55 -10.90
Rhubarb root, cs.....lb. .43 - .45
powd., bbls., kgs..lb. .48 - .50
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .18¾- —
smaller lots.....lb. .19¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .17¾- —
smaller lots.....lb. .18¼- —
Rose flowers, pale, bls.....lb. .44 - .45
red, bls.....lb. 2.00 - 2.10
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 280 lbs. 5.15 - —
D, bbls.....280 lbs. 5.15 - —
E, bbls.....280 lbs. 5.25 - —
F, bbls.....280 lbs. 5.50 - —
G, bbls.....280 lbs. 5.90 - —
H, bbls.....280 lbs. 6.20 - —
I, bbls.....280 lbs. 6.20 - —
K, bbls.....280 lbs. 6.20 - —
M, bbls.....280 lbs. 6.20 - —
N, bbls.....280 lbs. 6.35 - —
W. G., bbls.....280 lbs. 6.85 - —
W. W., bbls.....280 lbs. 7.35 - —
X, bbls.....280 lbs. 7.35 - —
Rosin, wood, bbls.....280 lbs. 4.10 - 5.75
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls.....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .21 - .22
Saffron, Mexican, bls.....lb. .25 - .26
Spanish, tins .....lb.27.75 -29.00
Sage, Dalmatian, stemless.....lb. .05¾- .06
garden, bls. .....lb. .06¼- .06¾
Safrol, cns.....lb. .52 - .53
dms. .....lb. .49 - .50
Sago flour, bgs.....lb. .02½- .03⅛
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l. dlvd., N.Y...ton.14.00 - —
l.c.l., dlvd. N.Y.....ton.15.00 -19.70
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.110.00 -115.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs. .....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .35 - .36
Mexican, bls. .....lb. .15 - .16
Sassafras, bark, ord., bls.....lb. .12 - .13
select, bls. .....lb. .18 - .20
Savory, bbls. .....lb. .07½- .07⅝
Saw palmetto berries, bgs....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .14⅝- —
smaller lots .....lb. .15½- —
kegs, 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots .....lb. .15⅝- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases .....lb. 1.75 - —
Senega root, bls.....lb. .55 - .56
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls. .....lb. .09 - .09½
Tinnevelly, No. 1, bls....lb. .10 - .11
2 bls. .....lb. .07½- .08
3 bls. .....lb. .05 - .06½
powd., bbls., bxs.....lb. .09 - .10
Pods, bls. .....lb. .05½- .06
Serpentaria root, bls.....lb. .67 - .68
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .18 - .19
dlvd. Boston .....lb. .18½- .19½
Chicago .....lb. .18¾- .19¾
Pacific Coast.....lb. .21 - .22
bonedry, refd., bbls., f.o.b., N. Y..lb. .25 - —
dlvd. Boston .....lb. .25½- —
Chicago .....lb. .25¾- —
Pacific Coast .....lb. .28 - —
Garnet, bgs.....lb. .12½- .16
Orange, D.C., VSO., Diamond I, cases..lb. .19 - .20
Superfine, bgs., f.o.b. Bost., N. Y..lb. .10 - .10½
dlvd. Chicago .....lb. .10½- .11
Pacific Coast.....lb. .13 - .13½
T.N., bgs., f.o.b. Bost., N. Y. lb. .09½- .10
dlvd. Chicago.....lb. .10 - .10½
Pacific Coast.....lb. .12½- .13
varnish, orange, 5-lb. cut., bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 96-97%, 325 mesh, bgs. c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 96-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
bgs., l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .35½- —
Govt., purchase, dom., metal. oz. .7111- —
Govt. purchase, foreign metal oz. .35 - —
cyanide, cns., 2,500 ozs.....oz. .33¼- —
1,000 ozs. .....oz. .33½- —
500 ozs. .....oz. .33¾- —
80 to 100 ozs.....oz. .35 - —
Nitrate, vis.....oz. .27½- .29⅛
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .26 - .28
Skatol, bots. .....lb.75.00 -80.00
Skullcap, Eastern, bls.... ....lb. .16 - .17
Western, bls. .....lb. .16 - .17
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works .....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts. .....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls. .....lb. .10½- .12
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .13 - .14
powd., bbls. .....lb. .15 - .16
Soda, acetate, anhyd., dms., dlvd. lb. .08¼- .10
flake, gran., powd., 60% dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 80%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd. .....lb. .06¾- —
Alginate, dms., bbls., works, lb. .71 - .95
Antimoniate, bbls. .....lb. .11½- .12
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09¼
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11⅛
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
ouse, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1. E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Soda benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y....100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works.lb. .06⅝- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks, or 2 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼ - .12
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 2.30 - 2.55
l.c.l., works.....100 lbs. 2.50 - 2.60
solution, 23 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
35 deg., bbls., c.l., works, 100 lbs. 1.25 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
25 degs., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.31 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.00
2 .....100 lbs. 3.70 - 5.08
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyers' tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works, 100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs c.l., works..lb. .06½- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .06⅛
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08⅝- —
smaller quantities.....lb. .08⅝- —
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23¼
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lbs. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms., lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Cyanide, gold, 46% gold, bots., works..oz.15.85 -17.10
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
96%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots, lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt., equal'd, 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60

Red, Indian—Squawvine

Soda, hyposulphite, pea, 500 to 2,500 lbs., bgs., wks..100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.50 - 3.80
less than 500 lbs., bgs., wks., 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 2.30 - —
fib. dms., 100-lb. lots.....lb. 2.05 - —
smaller lots.....lb. 2.15 - 2.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.50 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., July delivery, f.o.b. cars producing point or ports, rail or boat shipment.ton.29.00 - —
200-lb. bgs., same basis.ton.28.50 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks., frt. equalized.lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l. .....lb. .06¾- .11¼
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.55 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.75 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works..lb. 2.00 - —
c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works.....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11¼- .14
Picramate, kgs.....lb. .95 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .09½- —
contracts .....lb. .09 - —
smaller lots.....lb. .09¾- —
contracts .....lb. .09¼- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd..100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., divd., N. Y...100 lbs. 1.30 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.20 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. .04 - .04¼
import, bbls.....lb. .03½- .04
Stannate, dms.....lb. .32 - .35
Stearate, lump, powd., bbls., works.....lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech, kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Soybean protein, bgs., c.l., works, lb. .11½- —
l.c.l., works .....lb. .12 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .11 - .12
Spruce extract, reg., bbls., c.l., works..lb. .01⅝- —
tanks, works.....lb. .01½- —
powd., super, bgs, c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01⅝- —
tanks, works.....lb. .01½- —
Squawvine leaves, bls.....lb. .11 - .12

Squill—Titanium

Squill, red, bls.....lb. .14 - .15
white, bls.....lb. .06½- .07
powd., bbls., bxs.....lb. .13 - —
St. Ignatius beans, bgs.....lb. .40 - .42
St. John's bread, edible, bls., lb. .07 - .07½
inedible, bls.....lb. .05 - .06
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.45 - 2.75
dlvd., N. Y.....100 lbs. 2.80 - 3.00
powd., bgs., f.o.b. Chicago, 100 lbs. 2.55 - 2.75
dlvd., N. Y.....100 bgs. 2.90 - 3.10
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bgs.....lb. .06 - —
Staveacre seed, bgs.....lb. .15 - .16
Stearin, oleo, bbls.....lb. .05¼- .05½
Stillingia root, bls.....lb. .07 - .07½
Stoneroot, bls.....lb. .07 - .07½
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .12 - .13
Seed, bgs.....lb. .20 - .21
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16½- .17½
Chloride, bbls.....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works. lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.25 - 1.30
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .56 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .68 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .68 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .33 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb., bots....lb. 1.40 - —
25., dms., 1,000 lbs., 1 delivery, lb. 1.00 - —
100 lbs.....lb. 1.05 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract..long ton.20.50 - —
Puget Sound, Columbia River, and British Columbia parts, bulk, contract.. long ton.22.00 - —
flowers, bgs., c.l., works. 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works..100 lbs. 1.80 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.30 - —
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l., 99½%, c.l. frt., alld..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Precip., USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, bls....ton.66.00 - —
leaf, bls.....ton.69.00 - —
Extract, 42°, bbls.....lb. .05¼- —
51°, bbls.....lb. .06½- —
stainless, bbls.....lb. .06¼- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs.....lb. .05 - .05½
poultry, bgs.....lb. .03¾- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 5.90 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-42%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills, ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Talc, dom., Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible.....lb. .04½ Nom.
extra, loose.....lb. .04¾- —
special, loose.....lb. .04¼- —
vegetable, ship, cs.....lb. .06½ Nom.
sulphonated, 85% (24% fat), dms., c.l..lb. .03¾- —
l.c.l.....lb. .04¾- —
50% (43% fat), dms., c.l., lb. .05¾- —
l.c.l.....lb. .06¾- —
50% (48% fat), dms., c.l..lb. .05¾- —
l.c.l.....lb. .06¾- —
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs.....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 2.75 & .10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk..unit-ton. 2.90 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.50 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.00 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Aug., shipt. unit-ton. 3.00 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .02¼- .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .23 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
ports.....gal. .25 - —
l.c.l.....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .85 - .87
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms.....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., wks..lb. 5.00 - 7.00
Theobromine, cns.....lb. 2.10 - 2.40
Sodiosalicylate, cns.....lb. 1.75 - 1.85
5-lb. bots.....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .10 - .10½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .45½- .46
Crystals, bbls., kgs.....lb. .38 - .38½
Metal, Straits.....lb. .4860- —
Oxide, bbls.....lb. .52 - .54
Tetrachloride, anhyd., bbls..lb. .24¼- —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse..lb. .13¼- —
l.c.l., bgs., works....100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.90
heavy, bgs., c.l., wks..100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.60
light, bgs., c.l., works 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
1,000-9,999 lbs., E. frt. pd. lb. .13½ - —
Pac. Cst., ex whse..lb. .13½- —
50-999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse..lb. .13¾- —
under 50 lbs., E. frt. pd. lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
bbls., c.l. (20 tons), frt. pd lb. .13¼- —
l.c.l., 5 tons, E. frt. pd. lb. .13½- —
Pac. Cst., ex whse....lb. .13½- —

In the production of alkalis at Mathieson's Saltville, Virginia plant, it's Bryant Snead's job to pilot samples regularly through this important plant control test—the analysis of gases from the carbonating towers. Like other Mathieson veterans, Snead is steeped in the Mathieson tradition of painstaking, extra-precautionary care that have made Mathieson Chemicals famous for their purity and uniformity.

Today Mathieson Caustic Soda, Soda Ash, and Bicarbonate of Soda are in demand in a wide range of industries. Whether produced at Saltville or at the Mathieson plant at Lake Charles, La., their high purity and uniformity remain a constant factor, justly prized in every industrial field where alkalis are used.

Mathieson Chemicals

THE MATHIESON ALKALI WORKS (INC.)
60 E. 42ND STREET, NEW YORK, N. Y.

SODA ASH ... CAUSTIC SODA ... BICARBONATE OF SODA ... LIQUID CHLORINE ... BLEACHING POWDER ... HTH PRODUCTS ... AMMONIA, ANHYDROUS & AQUA ... FUSED ALKALI PRODUCTS ... CCH (INDUSTRIAL HYPOCHLORITE) ... DRY ICE ... LIQUID CARBON DIOXIDE ... ANALYTICAL SODIUM CHLOR

Titanium, dioxide, bbls., 1,000-9,999 lbs., E. frt. pd..lb. .13¾- —
Pac. Cst., ex whse....lb. .13¾- —
50-999 lbs., E. frt. pd...lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk-resistant, bgs., c.l., (20 tons), frt. pd..lb. .16 - —
l.c.l., 5 tons, frt. pd....lb. .16¼- —
1,000-9,999 lbs., frt. pd.lb. .16½- —
50-999 lbs., frt. pd....lb. .16¾- —
Under 50 lbs., frt. pd..lb. .19 - —
bbls., c.l. (20 tons), frt. pd. lb. .16¼- —
l.c.l., 5 tons, E. frt. pd..lb. .16½- —
Pac. Cst., ex whse..lb. .16½- —
1,000-9,999 lbs., E. frt. pd..lb. .16¾- —
Pac. Cst., ex whse..lb. .16¾- —
50-999 lbs., E. frt. pd., lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
barium, calcium, or magnesium base, c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Pac. Cst., ex whse..lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05¾- —
Pac. Cst., ex whse....lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolidin base, distilled, kgs....lb. .80 - —
Tolu, balsam, cns.....lb. .45 - .46
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .28
root, bls. .....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works .....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices as trichlorethylene are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs..lb. .06 - .06¼
Madras, bgs. .....lb. .06¾- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .29 - —
l.c.l., 10 ex dock.....gal. .31 - —
5 ex dock.....gal. .33 - —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .23 - .25
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
Urea nitrogen, dom., 42% N_2 bulk, Aug., shpt., f.o.b. Belle, W. Va. .....ton.54.90 - —
imported, 40% N_2 bgs., July-Aug.-Sept. shipt. .....ton.53.30 - —
30% N_2 bgs., July-Aug.-Sept. shipt...ton.40.35 - —
Uva ursi leaves, bls.....lb. .07 - .09

V

Valerian root, bls.....lb. .12 - .13
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.27.00 -29.00
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.50 - 6.00
Mexican, tins .....lb. 5.50 - 6.00
cuts, tins .....lb. 5.25 - 5.50
South American, tins.....lb. 5.25 Nom.
oleoresin, bots. .....lb. 9.65 -16.50
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .37 - .38
tree .....lb. .19 - .22
Wattle bark, bgs., shipt.....ton.34.50 -38.00
Extract, solid, bags.....lb. .04 - —
Wax, bayberry, import, bgs...lb. .26 - .27
Bees, white, bleach, slabs, cs., 5 case lots..lb. .33 - —
1 cs., lots. .....lb. .34 - —
cakes, 5 cs., lots.....lb. .34 - —
1 cs., lots. .....lb. .35 - —
discs, 5 cs., lots.....lb. .35 - —
1 cs., lots.....lb. .36 - —
yellow, crude, Africa, bgs., lots of 10.....lb. .19 - .19½
1 bg.....lb. .19½- .20
Brazil, bgs., 5-10 ton lots, lb. .21½- .22
1 ton.....lb. .22 - .22½
500 lbs.....lb. .22½- .23
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .25½- .31½
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .29 - .29½
5 bgs.....lb. .29½- .30
1 bg.....lb. .30 - .30½
N. C. 2, bgs.....lb. .35 - .35½
N. C. 3, bgs., 1 ton.....lb. .30 - .31
5 bgs.....lb. .30½- .31½
1 bg.....lb. .31 - .32
refined, bgs.....lb. .34 - .35
yellow, No. 1, bgs., 1 ton..lb. .41 - .42
5 bgs.....lb. .41½- .42½
1 bg.....lb. .42 - .43
No. 2, bgs.....lb. .40 - .41
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09¼- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs.....lb. .12½- .13
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal. p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¾
White precipitate, powd., 5-lb. bots..lb. 1.82 - —
dms., 50 lbs. or more...lb. 1.76 - —
Whiting, chalk, com'l., dry-grd., bp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l. works.....ton.13.20 -14.50
wet-grnd., bp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
glider's bolted, bp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l. works.....ton.15.60 -16.50
extra bolted, bp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60- 17.50
l.c.l. works.....ton.15.60 -16.50
Paris, white, bp., bgs., c.l., works..ton.15.00 - —
l.c.l., works .....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.25 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.50 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c., works. ton.12.50 - —
gilders, extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .07½- .08
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs....lb. .07 - .08
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .32 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .32 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.56
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.70
lithopone, all shades, bbls 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
Sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1½c.; El Paso, 3c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.73 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .02¼- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02¼- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .01¾- —
E, bbls., works.....lb. .01¾- —
F, bbls., works.....lb. .01¼- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import, lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia for import..lb. .02¾- —
ex dock, San Pedro, San Francisco...lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .03375- —
New York .....lb. .03½- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle...lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .03728- —
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis .....lb. .03¾- —
New York.....lb. .03¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle.....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. .....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza) bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .07½- .08
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., works, lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bags .....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls...lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25-lb. jars.....lb. .31 - —
solution, 50%, dms., c.l. works..lb. .0290- —
l.c.l., works.....lb. .04 - .04½
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - —

Titanium Dioxide—Zirconium

Zinc dust, bbls., c.l., dlvd....lb. .0675- —
l.c.l., bbls., dlvd.....lb. .0725- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd..lb. .06¼- .07¼
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. .06¼- .07¾
bbls., c.l., dlvd....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
5% bgs., c.l., dlvd., lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac. cst.lb. .06¾- —
85%, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd...lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst. lb. .06¼- —
50%, bgs., c.l., dlvd., except Pac. cst..lb. .0606- —
Pac. cst.....lb. .0612- —
l.c.l., dlvd., except Pac. cst..lb. .0631- —
ex whse., Pac. cst...lb. .0631- —
bbls., c.l., dlvd....lb. .0631- —
l.c.l., dlvd., except Pac. cst..lb. .0656- —
ex whse., Pac. cst.lb. .0656- —
French process, com'l, lead-free, bgs., c.l., dlvd.lb. .06¼- .07¼
l.c.l., dlvd., except Pac. cst..lb. .06¾- .07¾
ex whse., Pac. cst..lb. .06¾- .07¾
bbls., c.l., dlvd.....lb. .06¼- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green seal, bgs., c.l., dlvd. lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst.lb. .08¾- —
bbls., c.l.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst.lb. .09 - —
import, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse.lb. .10 - —
white seal, cks., ex whse.. lb. .11 - .12½
USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .28 - .35
Resinate, fused, pale, bbls..lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs...lb. .23 - —
U.S.P., bbls.....lb. .31 - .38
Sulphate, cryst., bgs., c.l..... 100 lbs. 2.75 - —
l.c.l. .....100 lbs. 3.50 - —
bbls., c.l.....100 lbs. 2.90 - —
l.c.l. .....100 lbs. 3.65 - —
flake, bgs., c.l.....100 lbs. 3.10 - —
l.c.l. .....100 lbs. 3.85 - —
bbls., c.l.....100 lbs. 3.25 - —
l.c.l. .....100 lbs. 4.00 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.25 - —
Sulphide, pigment, barium, calcium, or magnesium base, bgs., c.l. (20 tons), dlvd..lb. .07¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .07¾- —
bbls., c.l. 20) bbls., c.l., (20 tons), dlvd.....lb. .07¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08 - —
Sulphocarbolate, NF, bbls....lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, rgd., kgs., works, lb. 1.30 - 2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Aug. 7 issue; the next printing will be in the Sept. 4 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

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Vol. 136 August 21, 1939 Number 8

No Cheap Lard For Export

The Secretary of Agriculture has rejected the idea of an export subsidy on lard. Because of his furtherance of such "aid to agriculture" in respect of cotton and wheat, his attitude on lard may, to some, be inconsistent. The facts indicate that the secretary's inconsistence is of that sort which marks an open mind. He has been convinced that an export subsidy on lard will not work.

The chief reason for this is the low price of lard and of competitive fats, resulting from an unprecedented volume of supplies. Coupled with this is the fact that the market for American fats in continental Europe has been closed to a large extent by national policies. It would be better if the Secretary of Agriculture would admit that it is a little too much altruism on the part of government to set about furnishing foodstuffs, or textile fibers, at subsidized cut prices to foreign consumers, in addition to supplying these on a stamp system to domestic needy. But, if the advantages of the government's price-reducing activities are more broadly spread at home, the emergence of the principle in governmental policies may be awaited with patience.

It is quite another thing how the rejection of the lard export subsidy will strike other fat interests, who, apparently, were favorable to the selling of lard at a cut price abroad in the hope that this would preserve the more profitable domestic market for them. Charity, especially when it must be supported by taxpayers, belongs at home.

It would be far more in keeping with what is expected of government for the people if the Federal agencies would contrive to distribute the surplus of domestic fats to the needy portion of the people. They might well use the transportation facilities of the army and the navy, even the bug-hunters' trucks of the Department of Agriculture. While this would reduce somewhat the income of distributors now inadequately serving, it would also reduce the cost of such relief as a whole, lessen the need for taxes, and perhaps result in a net gain for those who are redeeming food stamps. Whatever the means, the government should confine its benevolences to its own people, who must pay for them in any event.

Suggestions on Tax Revision

The tax-studying group of the congressional committee on ways and means has invited businessmen to submit written suggestions for the revision of the tax system. Doubtless it will be flooded with responses. It is to be hoped and greatly to be desired that these suggestions differ vastly from the customary offerings, which have in effect been little other than "Don't tax me; find somebody else."

With little faith, and less hope of being heeded, it is here suggested to the committee that it proceed, not to broaden the tax base—it is now as broad as the millions who populate the country—but to consolidate it, and to make Federal taxes recognizable to all who must and do pay them.

It is possible, although politically inexpedient and practically difficult, to consolidate the Federal taxes in one direct tax—an individual income tax, broadly and equitably scaled according to ability to pay, without exemption as to source of income and without opportunity for pyramiding to an ultimate payer. Gentlemen of the committee:—Will you provide such a tax?

Every Federal excise tax should be eliminated, even those on alcoholic beverages and tobacco products. These all are hidden taxes, and those on liquors and tobacco are that still more obnoxious form designed to effect social regulation. It may be argued that those who drink and those who smoke should pay for these "privileges." But, is taxation for any privilege justifiable under the constitutional guaranties of equal rights and freedom of choice?

A tax on corporation incomes, on any but individual incomes derived from the operation of a business, is a part of the cost of operation, and as such must and will be passed along, pyramiding, to the purchasing supporters of the business. This, then, is not a fair form of taxation. Its elimination necessitates the finding of a means of preventing evasions of individual income taxes through the misuse of surpluses or otherwise. Such safeguards can be provided. But, in this as in other respects, a proper system of taxation cannot be constructed by log-rolling methods.

Your duty, gentlemen of the tax committee, is to provide an open, equitable tax applying directly to every individual, favoring none, penalizing none. Can you do this? Will you do it?

—O-P-D—

Capital Is Not Unfriendly

Capital is the fuel of business. In the belief of many economists it is nothing else, and must be continuously supplied, even as coal or oil to an engine or water to a hydroelectric plant. The unfortunate aspect of this concept is that it takes little, if any, thought of the ability of a particular business to pay for its fuel. It holds that there must be a continuous, free flow of capital—inward—sustained by faith, and hope. That is one reason why the flow of capital has come to be in so large part charity—governmentally bestowed.

The curtailment of the Federal spending projects by Congress, in spite of expansions in some other directions beyond the measure of the budget, makes it very necessary that the purpose, as well as the process, of the flow of capital to business be given serious thought. It is an inescapable fact that, if private supplies of capital are withheld, the need must be filled from public sources. There is some reason to believe in the controlling influence of the reverse of this, to believe that as long as government will spend private spending will be restrained.

But, the crux of the situation which now faces business, the necessity of making a choice between self-help in the way of new capital where that is really needed or of more profitable use of existing capital, will not be met until there is a clearer understanding and a full admission of the reasons for the professed unfriendliness between capital and enterprise. It avails but little to blame this on the securities act and to point to the "better days" of yore and the little businesses which were made big by financial promotion—with no mention of the larger number of promotions which went disastrously the other way.

Capital is not unfriendly. Its aloofness is a creature of bitterly learned caution. Where there is even a fair chance of a satisfactory outward return of the free inward flow, capital is ready. In the same issue of a New York newspaper a few days ago appeared a story of the marketing of $30,000,000 worth of 3-percent twenty-year debentures of an American oil company, and an item from London on an offer of £3,000,000 (about half as much) in 4.5-percent twenty-year debentures of an English oil concern. The American company's debentures were speedily disposed of at 103 and interest; the offering price of the English concern's was 97½—yet, the latter bear 50 percent more interest!

Something is wrong with the great American wail that capital is unfriendly; that credit has lost its nerve. There is too much evidence that this just is not so. If the wailing persists, now that governmental spending has been curtailed where it had the most promise, albeit inflated where it promises almost nothing, business is due to be taxed enormously for its own support when that becomes still more a matter of governmental financing. Business is gradually getting better. Congress has laid upon it the necessity that it get busier.

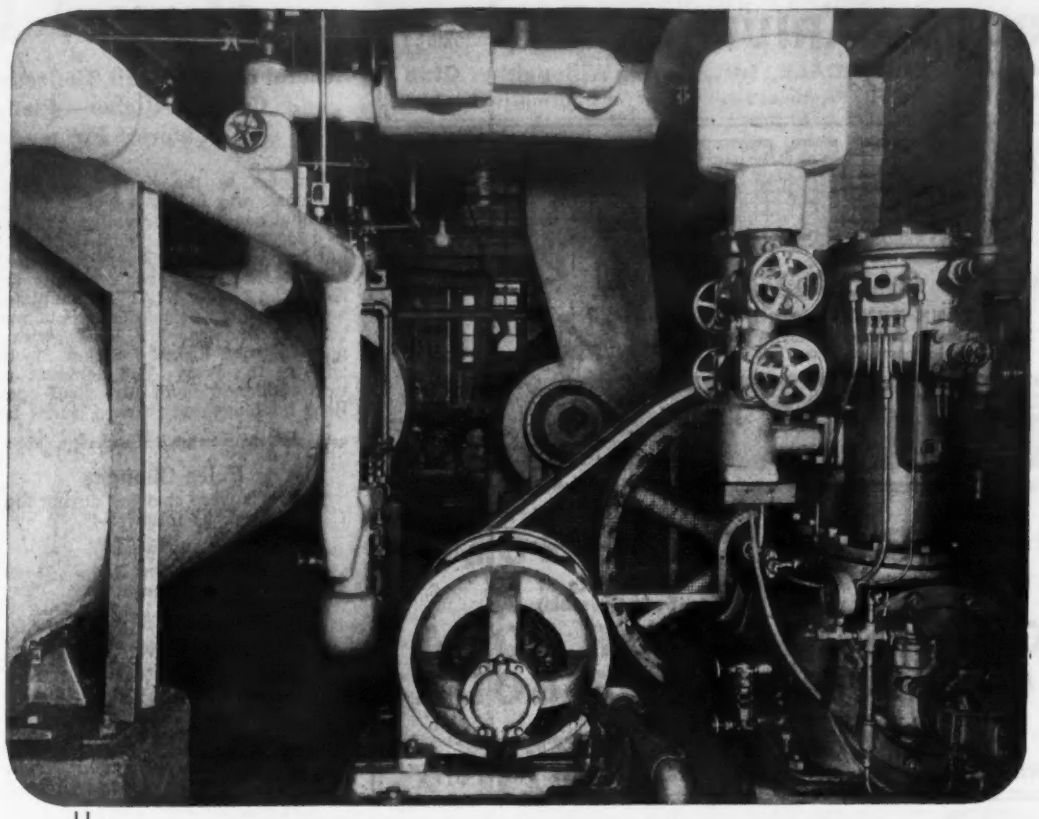
—O-P-D—

Petroldom Is Perturbed

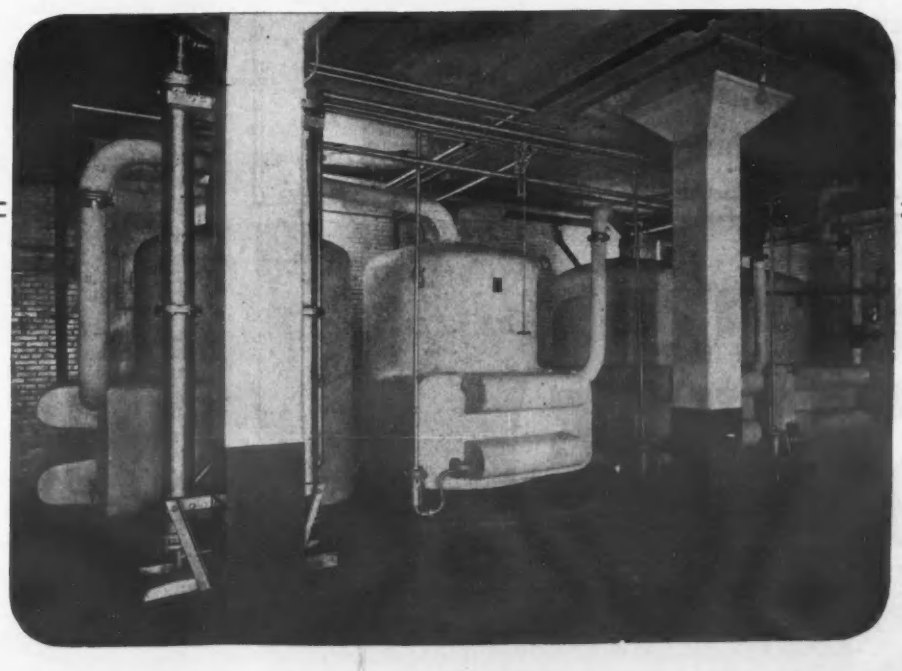
The economics—or what passes for it—of the petroleum industry exceeds all understanding. Compared with those of agriculture, with which it has much in common because in both the original producer has practically nothing to say about the price he will get for his product, the petroleum industry's economic problems are as calculus to a sum in mental arithmetic.

Like agriculture, the petroleum industry has some measure of governmental control of certain of its economic factors. It is likewise inclined to stage some or other sort of strike when its peculiar pricing system threatens emaciation of profits, with the difference that, because its several divisions are more or less integrated, the petroleum industry strikes against itself.

It is difficult to discern the verities of the present clash over prices in the petroleum industry. The average price of crude oil is 10.6 percent less than it was a year ago—the refinery price of gasoline is 2.8 percent lower. But, compared with five years ago, the price of crude is up 0.4 percent; that of gasoline is down 9.5 percent. On the basis of the five-year average at this season, the price of crude is 9 percent lower; that of gasoline is off 7.3 percent. Operating costs considered, that is close. But, where's the profit—and why? And the whole "mess" invites further governmental "concern" for the "welfare" of the industry.



Cream Tartar
Tartaric Acid
Rochelle Salt
Tartar Emetic



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Heavy Chemicals

General Demand Dull, Reflecting Usual Seasonal Conditions—Silver Cyanide Higher—Plating Chemicals Mark Time—Chlorine Firm—Alkalies Moderately Active

Business in the market for heavy chemicals was dull last week. Typical seasonal conditions prevailed, reflecting to a large extent the usual midsummer lull and vacations. Orders reached the market for nearby requirements as a rule. The feeling was quite unanimous, however, that the market would mark time for the next few weeks, with an upward trend looked for over the balance of the year. The domestic picture remained favorably; steel operations for one thing reached a new high for the year. Developments abroad were viewed as a disturbing factor. The fractional advance in silver cyanide provided the market with the only price movement.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Silver cyanide, ¼c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
146.8	**146.8**	**146.8**	**149.2**

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	**99.6**	**99.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page **4.**

The recent upturn in the world silver market was reflected in fractionally higher quotations for silver cyanide. Other basic metals and their derivatives held steady to firm. Higher steel operations augured well for many chemicals used directly or indirectly in the metallurgical trade, among those were fluorspar, manganese ore, muriatic and sulphuric acid. Plating chemicals marked time with consumers following a conservative purchasing policy until new model automobile production reached normal proportions.

Chlorine fully maintained its firm position, and demand was moderately active. No broadening in the demand for alkalies was discernible. Potash salts moved in a routine manner. Meat packing trade made steady withdrawals of soda nitrite. Blue vitriol and calcium chloride volume continued to display seasonal tapering. Demand for agricultural insecticides and fungicides slackened gradually.

Alumina Sulphate.—A steady to firm tone characterized trading in the commercial and iron-free material, shipments against contracts were maintained at fair levels. June exports aggregated 4,048,737 pounds, valued at $42,651, of which 3,648,371 pounds went to Canada; 143,000 pounds to Cuba and 215,816 pounds to the Phillipine Islands.

Ammonia, Anhydrous. — Shipments against contracts were satisfactory for the refrigerating grade, with business making a comparatively favorable showing with the same period a year ago. Prices ruled firm. June exports totaled 549,921 pounds, valued at $46,154, of which 173,533 pounds went to Canada and 209,837 pounds to the Netherland Indies.

Ammonia, Aqua.—Price schedules were unchanged, and a firm tone characterized the trading. Interest in the market continued steady for moderate quantities.

Ammonia Carbonate.—A routine interest prevailed in the market during the past week. Prices for the domestic and imported material were without alteration.

Ammoniac, Sal. — No new developments entered the market, and shipments were spotty for the most part. Quotations for the white and gray material were in conformity with those established some time previous.

Antimony.—Small lots continued to provide practically all the business in the market for the domestic metal. Quotations held at the 12c. per pound basis. There was little activity in the market for the oxide and needle of antimony.

Arsenic.—A fair movement of white material was reported at times, business in the red was confined to modest proportions. Prices ruled unchanged, and the tone of the market was firm

Barium Salts.—The market underwent no price revisions last week, and a steady to firm tone predominated. Transactions in the carbonate chloride, chlorate and hydrate were only moderate.

Blue Vitriol. — A firm price tone governed the dealings, however, prices were without change. A seasonal slackening was evident particularly for agricultural purposes, while the call for water treating and commercial purposes was satisfactory. June exports were 2,508,726 pounds, valued at $92,920, of which 1,017,200 pounds went to Honduras; 701,570 pounds to Guatemala and 400,000 pounds to the Republic of Panama.

Calcium Carbide.—The call came chiefly from chemical processors, mining and metallurgical trades for fair size quantities last week. Prices ruled firm. June exports amounted to 1,583,681 pounds, valued at $41,446, of which 1,495,690 pounds went to the Philippine Islands.

Calcium Chloride.—While the demand for dust control purposes continued to slacken, sellers were receiving a favorable amount of business for this time of the year from miscellaneous consuming channels. Price schedules were without change. June exports aggregated 5,767,685 pounds, valued at $56,990, of which 4,877,559 pounds went to Canada and 600,000 pounds to Argentina.

Carbon Dioxide.—A good seasonal movement for refrigeration and beverage purposes was evident in the market during the past week. A firm price tone characterized the trading.

Carbon Tetrachloride.—Quotations held steady, and contract and spot withdrawals were regarded as satisfactory in practically all directions.

Chlorine.—The position of the market was firm, and prices were well sustained last week. Shipments were moving at a moderate pace in several directions to keep volume of business at relatively good levels. June exports amounted to 1,078,555 pounds, valued at $21,247, of which 942,900 pounds went to Canada and 97,800 pounds to Mexico.

Copper.—Business in the market for domestic copper was slower last week, reflecting the usual summer dullness at this time. Despite the lack of any sustained buying interest, quotation was well sustained at the 10½c. per pound basis. Demand abroad was not large and trading was interrupted to some extent by a holiday. Export copper was quoted around the 10.45c. per pound level.

Copper Salts.—A fair movement of red and black oxides of copper was evident, while the call for the acetate, carbonate, cyanide and nitrate were confined to necessary quantities as a rule. Pricewise a steady to firm tone predominated.

Copperas.—Firmness continued to govern the dealings in this market, with supplies moving direct from production channels as a rule. The call for water treating purposes provided a good deal of the business.

Fluorspar.—Quotations for various grades held unchanged, and the tone of the market was steady. The call from the metallurgical trade was moderate, steel operations reached the 62.1 percent of capacity level, the highest so far this year.

Glauber's Salt.—Consumers entered the market for fair size replacements during the past week. Domestic and imported quotations were unaltered. Imports into the United States during 1938 totaled 1,196 long tons, valued at $9,185, of which 699 tons came from Germany and 496 from Czechoslovakia. This compared with 1,272 long tons,

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

valued at $8,252, imported during the preceding year, of which 1,272 long tons came from Germany.

Manganese Ore. — Shipments were moving to the steel industry in comparatively good quantities, reflecting the higher operating schedules. The outlook remained encouraging, and the market fully retained its firm position.

Nickel Salts.—Withdrawals by the plating trade and for catalyst purposes provided the market with adequate business to keep the position of the market firm.

Potash Carbonate.—The character of business underwent little change, consumers made their appearance for necessary quantities when needs became urgent. Prices were without change.

Potash, Caustic.—Price schedules were maintained at the same levels. A normal amount of business was consummated, principally against contracts.

Potash Chlorate.—The market remained a routine affair during the week, with the match trade making moderate withdrawals. Quotations were in line with those prevailing for some time.

Potash Cyanide.—Developments of importance were conspicuous by their absence, and trading was chiefly made up of small quantities. Prices ruled unchanged.

Silver Cyanide.—Reflecting the recent strength in the world silver market, quotations were generally advanced ¼c. per pound. Schedule follows:—Containers, 2,500 ounces, 33¼c. per pound; 1,000 ounces, 33½c. per pound; 500 ounces, 33¾c. per pound and 80 to 100 ounces, 34c. per pound.

Soda Ash. — Demand underwent no particular broadening last week. Basic consuming industries entered the market for moderate quantities to take care of current production needs. Prices held unchanged. June exports aggregated 10,718,016 pounds, valued at $118,514, of which 3,260,769 pounds went to Mexico; 2,012,143 pounds to China; 838,114 pounds to Canada; 519,804 pounds to Argentina; 792,126 pounds to Brazil; 678,296 pounds to Venezuela and 695,122 pounds to the Netherland Indies.

Soda Bicarbonate.—A routine buying interest against contracts supplied most of the activity in the market last week. Prices were without change. June exports totaled 1,601,744 pounds, valued at $29,481, of which 973,183 pounds went to Canada and 230,416 pounds to Mexico.

Soda, Caustic.—Most consumers were adhering to a moderate purchasing policy, and restricted shipments to conform with nearby production requirements. Prices ruled unchanged. June exports aggregated 20,499,989 pounds, valued at $407,035, of which 3,903,284 pounds went to Canada; 4,207,692 pounds went to Mexico; 426,731 pounds to Cuba; 1,204,800 pounds to the Netherlands West Indies; 434,000 pounds to Argentina; 2,431,700 pounds to Brazil; 526,906 pounds to Colombia; 3,078,277 pounds to China; 2,124,620 pounds to the Netherlands Indies and 1,050,025 pounds to the Philippine Islands.

Soda Cyanide.—Some large consumers were pursuing a conservative policy at this time, marking time until automotive production on new models reaches normal proportions. Domestic and imported quotations were firm. June exports were 33,360 pounds, valued at $4,612, of which 11,100 pounds went to Colombia; 6,127 pounds to Canada; 4,480 pounds to Salvador and 6,600 pounds to Argentina.

Soda Nitrite. — A steady price tone prevailed in this direction during the past week. Commitments by the meat packing trade continue steady.

Soda Phosphate. — Price schedules were in conformity with those prevailing previously, and the tone of the market was about steady. Consumers were making fair size replacements at times. June exports amounted to 514,887 pounds, valued at $17,577, of which 162,370 pounds went to the United Kingdom; 179,512 pounds to Canada; 67,100 pounds to Belgium and 48,750 pounds to the Netherland West Indies.

Soda Silicate.—Spot and contract shipments were moving in moderate volume. Quotations were unchanged, and the tone of the market held firm. June exports totaled 1,173,489 pounds, valued at $16,012, of which 487,991 pounds went to Canada; 371,650 pounds to Cuba and 245,907 pounds to Peru.

Soda Silicoflouride.—A fair amount of interest was manifest in this direction for the account of the glass and laundry trade. Domestic and foreign quotations were steady.

Soda Stannate.—Quotations held at the 32c. to 35c. per pound basis, and the tone of the market was firm. Business was along quiet lines during the past week.

Sulphur, Refined.—Buying by basic consuming industries was spotty, with some seasonal slackening noted. Prices were without change, and a firm price tone governed the dealings.

Tin Salts.—The market lacked any price changes, and a firm tone prevailed, reflecting the firmness in the Straits Metal. Dealings in the anhydrous tetrachloride of tin, stannous chloride and tin crystals were confined to small lots as a rule.

Zinc Chloride.—A steady to firm undertone prevailed in this direction, and quotations were well maintained. Shipments to major consumers were steady for moderate quantities last week.

Acids

Buying was fairly steady in most acids during the past week. However, many consumers were purchasing close to production requirements, and this had a tendency to keep volume from broadening. Some fair size replacements were reported at times. The market lacked any new price developments, and schedule in force for some time were without alteration. Various grades of acetic moved steadily to major consuming channels. Chromic was firm. Spot and contract shipments of formic were fair. Some irregularity prevailed in lactic. The metallurgical trade took satisfactory quantities of muriatic. Nitric was about steady. Oxalic moved principally in small quantities. A moderate demand was evident for sulphuric.

Acetic.—Various grades of material moved fairly steady to major consuming channels last week, although commitments were mostly limited to nearby requirements. Price schedules held unchanged.

Chromic.—Quotations were unchanged, and a firm tone characterized the trading last week. Movement to the plating trade and other sources was moderate.

Formic.—A steady price tone prevailed in this direction throughout the past week. Spot and contract shipments were about fair.

Lactic.—The market experienced an irregular call from various consumers, and commitments were usually limited to nearby needs. No change occurred in the quotations.

Muriatic.—The call from the metallurgical trade was satisfactory, while other factors exerted a moderate buying interest. Prices ruled unchanged. June exports totaled 307,439 pounds, valued at $7,944, of which 80,115 pounds went to the Netherlands West Indies and 80,115 pounds to Cuba.

Nitric.—While demand displayed little signs of broadening, replacements were entering the market at a steady pace, sellers were adhering to quotations in force previously.

Oxalic.—Small orders provided the bulk of the business in this direction again last week. A steady to firm price tone governed the transactions.

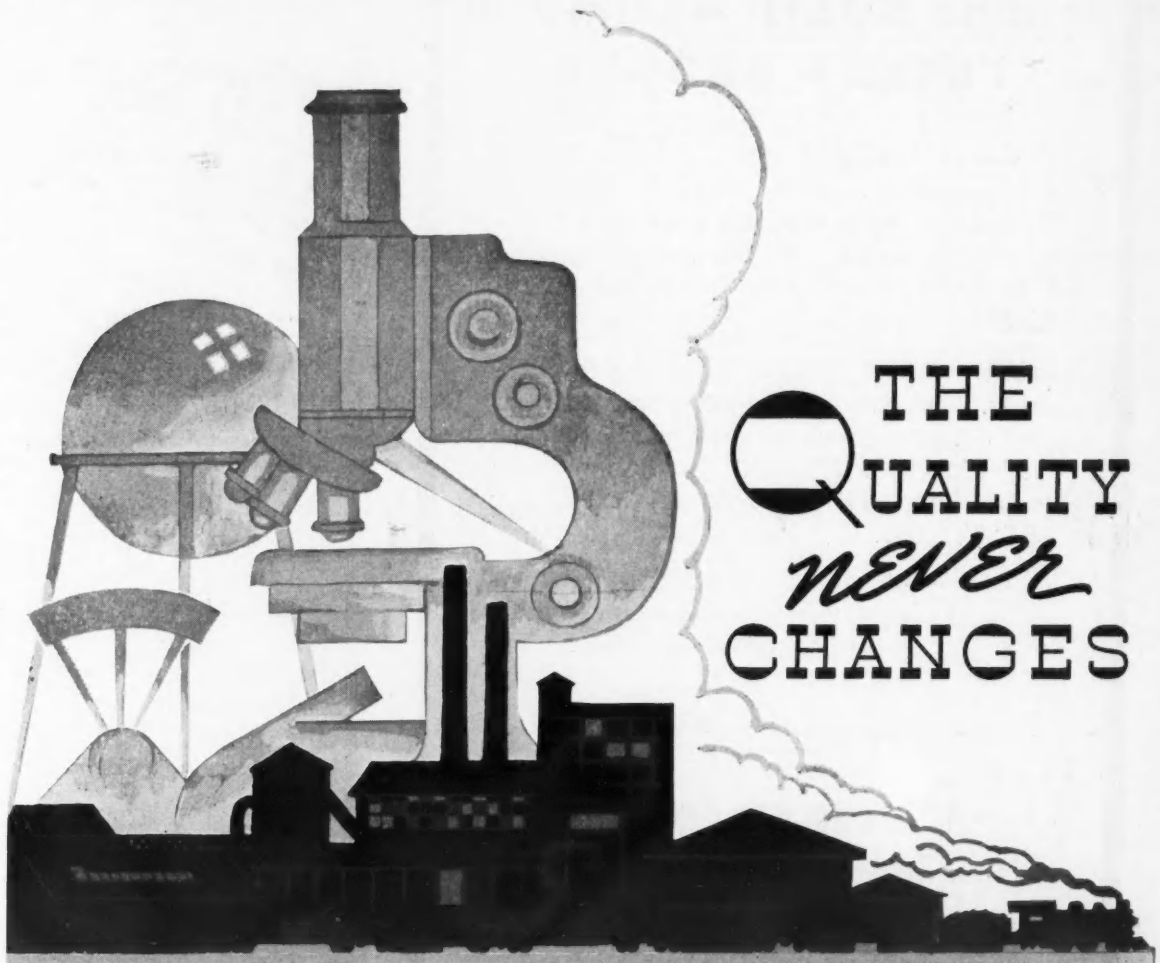
Sulphuric.—Withdrawals against contracts for various grades of acids were moderate last week. While commitments were usually restricted to take care of current production requirements, replacement orders were reported adequate to give the market ample support. Operations in the steel industry continued to provide the most encouraging factor, last week output was estimated at 62.1 percent of capacity, compared with 60.1 percent in the preceding week and 40.4 percent in the like week a year ago. Price schedules were without change.

Baltimore, Aug. 16.—Quiet continues to prevail, and trading only develops here and there, when positive needs assert themselves rather unexpectedly. The producers, for their part, maintain that they cannot lower their quotations because of the rise in labor costs and outlay for crude materials, while the potential buyers hold back as long as they can, leaving the nominal figures at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. As for oleum, this product also remains unchanged at $17 per ton for 20 percent supplies.

Insecticides

Demand for agricultural insecticides and fungicides slackened gradually last

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7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week. While some occasional replacement orders entered the market, the bulk of the requirements were fulfilled earlier in the year. Shipments of calcium arsenate to Northern and Southern areas was about in line with usual seasonal trend. Lead arsenate demand was not very broad. Nicotine sulphate moved moderately. Price schedules were in conformity with those prevailing previously.

The Argentine foreign trade statistics are not sufficiently detailed to show the separate trade in arsenicals. Lead arsenate is included with other articles under the combined statistical heading of powdered insecticides in general. The principal suppliers are the United States, Japan and Germany. It is believed that lead arsenate accounts for the major portion of total imports. Whatever calcium arsenate is imported is believed to be included under the general heading of other calcium salts. The use of calcium arsenate insecticide was negligible up until three years ago, but is now showing a small yet gradual increase. There is no domestic production of arsenicals on a commercial scale. However, the Buenos Aires Organization of a large British-American chemical firm is said to be contemplating local production in the near future, according to the American commercial attache at Buenos Aires.

Calcium Arsenate.—Consumer interest in the market continued to display gradual slackening last week. Shipments to northern and southern areas were about in line with the usual seasonal trend. June exports aggregated 333,286 pounds, valued at $17,719, of which 118,242 pounds went to Canada; 156,700 pounds to Mexico and 32,000 pounds to Egypt.

Lead Arsenate.—Dealings in the market were not very extensive, with occasional replacements supplying most of the business. Prices were without alteration. June exports amounted to 184,295 pounds, valued at $17,701, of which 34,240 pounds went to Costa Rica and 89,600 pounds to Chile.

Nicotine Sulphate.—Business was about in line with the normal seasonal requirements of various consumers, and there was little indication of any broadening in the demand. Prices ruled firm. June exports totaled 68,764 pounds, valued at $41,629, of which 14,300 pounds went to Canada; 25,485 pounds to Japan and 24,252 pounds to Australia.

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Sulphuric Acid Output As Byproduct Off in 1938

The output of byproduct sulfuric acid at copper and zinc plants in 1938, in terms of 60 deg. Baume acid, amounted to 687,176 short tons, of which 220,297 tons were produced at copper plants and 466,879 tons at zinc plants, according to the Bureau of Mines. The acid reported is only that produced from the sulfur content of the sulfide ores. The figures are exclusive of acid made from pyrites concentrates in Montana and Tennessee.

Some acid recovered as a byproduct in the roasting of high sulfide gold and silver concentrates is included in the tonnages for copper plants for 1938 and 1937, and is included in this manner in order to avoid the disclosing of confidential information. In addition to the quantities given above, 30,996 tons of sulfuric acid were made at zinc plants from 8,248 tons of sulfur, indicating a very large decline in the use of sulfur for boosting the recovery of acid at zinc plants. No sulfur was used at copper plants.

In 1937, 833,994 tons of byproduct sulfuric acid were produced. Of this amount 291,638 tons were recovered at copper plants and 542,356 tons at zinc plants. In addition, sulfur amounting to 40,044 tons was used at zinc plants for the recovery of 151,090 tons of sulfuric acid.

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Volcanic Slag Freights Modified

The Interstate Commerce Commission has granted authority to disregard the long-and-short-haul provisions of the fourth section of the interstate commerce act in publishing freight rates on volcanic scoria or slag, in carloads, from Amboy, N. M., to points in Kansas, Oklahoma, and Texas. The authority is temporary and is to last until the commission reaches a decision in related cases, and permits the establishment of through rates based on distance scales and the maintenance of higher rates to intermediate points.

Standard Latex Products Company, Carlstadt, N. J., and its subsidiary, the Mayfair Chemical Company, New York, petitions for reorganization under the national bankruptcy act were dismissed in Newark, N. J., August 14 by Federal Judge Guy L. Fake.

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Chemical Salesmen Lead In Golf by R. Quortrup

The Salesmen's Association of the American Chemical Industry held its third golf tournament of the season at the Bonnie Briar Country Club, Rye, N. Y., August 15. Approximately seventy-nine members and guests participated in the outing and dinner, with thirty-five members claiming "free rides," according to Charles Slater, of the J. T. Baker Chemical Company, vice-chairman of the entertainment committee. The final tournament of the year will be held at the Pomonok Country Club, Pomonok, N. J., September 19. Prizes were awarded by Philip J. LoBue, of Joseph Turner & Company, chairman of the entertainment committee, to the following:—

P. J. LoBue

Class A, low net:—Richard Quortrup, of the Barrett Company.

Class B, low net:—R. Moister, jr., of the Michigan Alkali Corporation.

Guests, low net:—Don Woodford, of the Grasselli chemicals department of E. I. duPont de Nemours & Co.

First, member kickers:—Ed. Burke, of Edward S. Burke & Co.; second, Charles Slater, of the J. T. Baker Chemical Company; third, J. R. Eldridge, of the Virginia Smelting Company; fourth, Ira Vandewater, of R. W. Greef & Co.

Guest kickers:—M. Hammond.

Stephen Kelly, secretary of William S. Gray & Co., commission merchant, this city, left August 18 for a two weeks' vacation in Maine.

Richard K. Burg, sales manager, Chicago office of the R. & H. chemicals division of E. I. duPont de Nemours, was a visitor to the New York office last week.

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3-Acetyldibenzofuran
Acetylparatoluidin, normal
6-Acetylphenothiazin
7-Acetyl-1:2:3:4-tetrahydrodibenzofuran
Acridin
Alpha-alphadibenzophenothioxin
Alpha-alphadiphenylguanidin
Alpha-alphadimethylthiopropionamide
Alphabenzophenothiazin
Alphabromoparaphenylacetophenone
Alphachloroacetanilide
Alphacyanoguanidin
Alphadiphenylguanidin
Alphafuralparamethylacetophenone
Alpha hydroxyparaphenylacetophenone acetate
Alphahydroxypara phenylacetophenone chloroacetate
Alphahydroxyparaphenylacetophenone chrysanthemum monocarboxylate
Alphahydroxyparaphenylacetophenone formate
Alphaphenylbeta-2-pyridylthiourea
Alphaphenylbeta-3-pyridylthiourea
2-Amino-4-chlorodiphenylamine
2-(Amino-4-chlorophenylmercapto) acetic acid
2-Amino-4-chlorothiophenol hydrochloride
2-Aminodibenzofuran
7-Amino-1:2:3:4-tetrahydrodibenzofuran
Ammonium-lauroyldiethyleneglycol sulphate
1-Anilinobenzothiazole
1-(Anilinomethylmercapto)benzothiazole
Anthracene
Aurin
Azobenzene
4:4-Azobis(orthotoluidin)
Benzalanilin, normal
Benzil
Benzimidophenyl monosulphide-hydrochloride
3:4-Benzocinnolin
3:4-Benzocinnolin oxide
Benzophenone
1-Benzoxazolemercaptan
1-Benzoxazolemercaptan acetate
1-(Benzoylmercapto)-benzothiazole
Betathionaphthol
1:1'-Bi-2-naphthol
Biphenyl
Bis(diethylthionophosphoric)disulphide
Bis-(9-thioxanthyl)ether
2-Brom-4-phenylphenol
Chloroacetyldiphenylamine, normal
6-Chlor-1:4:2-benzothiazin-3(4)-one
3-Chlorocarbazole
2-Chlorodibenzofuran
2-Chlor-4-nitroanilin
4-Chlor-2-nitrodiphenylamine
4-Chloro-2-nitrophenyl ester of thiocyanic acid
4-Chlor-2-nitrophenylsulphur bromide
4-Chlor-2-nitrophenylsulphuramine
2-Chlor-4-phenylphenol
Coumarin
Cyclohexylacetamide, normal
Cyclohexylbenzamide, normal
2-Cyclohexyl-4:6-dinitrophenol
Diamylhydroquinone
Dibenzoalphaorthodithiin
Dibenzofuran
Dibenzothiophene
Dibutylthiourea, symmetrical
2:5-Dichloroanilin
4:4'-Dichlorobiphenyl
1-(3:5-Dichlor-2-hydroxyphenylazo)-2-naphthol
4-(2:5-Dichlorophenylazo)-2-cyclohexylphenol
4-(2:5-Dichlorophenylazo)-3-ethoxyphenol
4-(2:5-Dichlorophenylazo)metacresol
4-(2:5-Dichlorophenylazo)-orthocresol
4-(2:5-Dichlorophenylazo)-resorcinol
4-(2:5-Dichlorophenylazo)-2:5-xylenol
4:4'-Difluorobiphenyl
2:4-Dihydroxybenzimidophenyl sulphide-hydrochloride
2:4-Dihydroxybenzimidothiophenyl ether hydrochloride
5:5-Dimethylacridan
2-Dimethylamino-4-methylthiazole
2:2'-Dinitrobiphenyl
Dinitronaphthalene
3:5-Dinitro-orthocresol
4:6-Dinitro-orthocresol acetate
2:4-Dinitrophenol
2:4-Dinitro-6-phenylphenol
Diphenyl-2-pyridylamine
Diphenylsulphone
1:3-Diphenyltriazene
Diphenylmethylene-bis-(mercaptoacetic acid)
Di-2-pyridylamine
N:N'-Di-2-pyridylalpha-alphadiaminotoluene
Ethyl formate.
6-Ethylphenothiazin
Fluorene
2-Fluoronaphthalene
Formyldiphenylamine, normal
Hexachlorobenzene
Hexachloroethane
Hydroazobenzene
1-Hydroxybenzothiazole
4-(2-Hydroxy-3:5-dinitrophenylazo)-6-metatolylenediamine
1-Mercaptobenzoxazole
1-Mercapto-4-methylbenzothiazole
1-(1-Mercapto-2-naphthoxy)-2-naphthol
2-Mercapto-1-phenylbenzimidoazole
Metabromonitrobenzene
Metachloronitrobenzene
N-(Metachlorophenyl)-anthranilic acid
Metadinitrobenzene
Metadiphenylbenzene
Metaiodonitrobenzene
Metatolylanthranilic acid, normal
Metatolylmercaptan
10-Methyl-5-(10)-acridone
2-Methylanthraquinone
2-Methyl-4:6-dinitroanisole
Methylorthonitrophenylsulphide
6-Methylphenothiazin
4-Methyl-2-(1)-thionaphthenone
1-Naphthol
1-Naphthylamine

(To be continued)

Nitrocellulose

Stabilizing Agents for Nitrocellulose

(Continued from August 14 issue)

Caramel
Cinchonine
Citrates
Codeine
Codeine acetate
Gallic acid
Hydroquinone
Magnesium carbonate
Mineral jelly
Papaverine
Papaverine acetate
Silicating
Sodium carbonate
Sodium silicate
Sulphocarminic acid
Tartrates
Triphenyl phosphate
Zinc chloride

Thinners for Nitrocellulose Solutions

Acetane
Alcohols
Aliphatic hydrocarbons
Alkylglycols
Amyl acetate
Amyl alcohol
Amyl alcohol plus benzin
Anol
Anone
Avantine
Benzene
Benzene hydrocarbons
Benzin
Benzyl alcohol
Butyl acetate, normal
Butyl acetate, secondary
Butyl alcohol, normal
Butyl propionate
Carbon tetrachloride
Cyclic hydrocarbons
Cyclohexanol
Decamphored turpentine oil
Decahydronaphthalene
Depanol
Dichlorobenzene
Dichloroethane
Diethyl carbonate
Dioxane
Dissolvan CA,DN
Ethyl acetate
Ethyl alcohol
Ethyl butylcarbonate
Ethyl ether
Ethyl formate
Ethylene chloride
Ethylenechlorhydrin
Ethylglycol
Ethylglycol acetate
Heavy naphtha
Hexahydrocresols
Hexahydrophenol
Hydrocarbons
Hydroterpin
Hpdroterpin
Isobutyl acetate
Isobutyl alcohol
Isopropyl acetate
Isopropyl alcohol
Methanol
Methyl acetate
Methyladipinic acid ethylester
Methyladipinic acid methylcyclohexylester
Methylanone
Methylcyclohexanol
Methylcyclohexanones
Methylene chloride
Methylglycol
Methylglycol acetate
Mollit A,B,40,41
Monochlorobenzene
Nitrobenzene
Orthodichlorobenzene
Pandol A
Pentasol
Perspirit
Petrohol
Phenylethyl alcohol
Phenylized methanol
Propyl acetate, normal
Propyl alcohol, normal
Sextol
Sipolin MOA,MOM
Solvent E 13
Solvent naphtha
Substance L30
Tamasol J,JN,11,111
Tetrahydronaphthalene
Toluene
Trichloroethylene
Xylene

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39° C.M.M.Pt. Technical approximates the U.S.P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopoeia specifications.
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Coaltar Chemicals

Shipments of Benzol, Toluol and Xylol Continue Steady—Steel Operations Set High Record for Year — Coaltar Colors, Intermediates and Acids Firm

The market for various coaltar chemicals lacked any new feature last week. Buying by most consumers was considered fair for this time of the year, however, conservative commitments were the rule in all divisions of the market. Inventories in consuming industries were not believed to be large, and the continued stability in steel operations bolstered by-product coking operations to afford adequate supplies of basic materials. Consequently the market appeared in an excellent position to take advantage of any normal expansion in business later in the year. Domestic price schedules were without alteration, and the tone of the market was steady to firm. Imported quotations were in line with preceding period.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.2	125.2	125.2	125.9

Market news that may have developed after this report was sent to press will be found on page 4.

Steel operations were estimated at 62.1 percent of capacity, according to the American Iron and Steel Institute. This sets a new 1939 high mark, and is the best operating rate since 62.6 percent in the week of November 14, 1938. One month ago operations were at 56.4 percent of capacity and in the corresponding week a year ago, operations were at 40.4 percent of capacity. It is expected that steel operating rates in September will be above August average because of a large volume of rollings from automotive industry.

Contract shipments of benzol, toluol and xylol maintained a steady pace. The moderate increase in output was well absorbed, domestic consumers taking most of the available material, while demand from abroad remained good. June exports of benzol amounted to 2,440,076 gallons, the bulk of this material was taken by France and the United Kingdom. Movement of creosote oil was along seasonal lines. Imports were not considered too large, while exports were considerably higher than previously. Most grades of cresylic acid were spotty, and purchases were along restricted lines. A better price tone was still evident in the imported product, and quotations were well maintained. Crude and refined naphthalene lacked any new developments, and trading was quiet; a steadier price tone prevailed in the foreign material. Moderate quantities of phenol moved to principal consuming channels, but most of the business was confined to necessary replacements. Export business was about fair. Shipments of pyridin were well absorbed from production channels, and a firm price tone remained in evidence.

While volume of coaltar colors was somewhat limited, demand for most colors was steady. Buying from leading textile industries was irregular. Exports of coaltar colors, dyes and stains during June amounted to 915,736 pounds, valued at $373,448, of which China, Canada, Belgium and the Netherlands supplied most of the business. Dealings in coaltar acids were not very broad, and business was strictly routine. Demand for fumaric was steady for small quantities, while maleic received only moderate support. Imports of coaltar acids during June totaled 2,469 pounds, valued at $1,541, of which Germany supplied 2,249 pounds. Intermediates were moving steadily, but commitments were usually held close to production requirements. Shipments of phthalic anhydride were not expanding to any extent at this time; nitrobenzene was spotty. June imports of intermediates were only 32,602 pounds, valued at $23,407, of which Germany shipped 26,193 pounds.

Basic Products

Benzol. — The character of business was along the same lines as during the past several trading periods. Spot and contract shipments were moving at a satisfactory pace to important consuming channels, and volume was sufficient to keep supplies at low levels. A good inquiry was still prevalent for export, and material was moving abroad in moderate quantities. Prices were well maintained, and the tone of the market was firm. June exports aggregated 2,440,076 gallons, valued at $342,436, of which 1,731,433 gallons went to France and 596,857 gallons to the United Kingdom. Steel operations were scheduled at 62.1 percent of capacity, compared with 60.1 percent in the preceding week, according to the American Iron & Steel Institute. This sets a new high mark for 1939, and is the best operating rate since 62.6 percent in the week of November 14, 1938. One month ago operations were at 56.4 percent of capacity, and in the corresponding week of last year operations were 40.4 percent of capacity.

Coaltar.—Shipments against contracts provided most of the business in this direction, and withdrawals were along routine lines. Price schedules were unaltered. June exports amounted to 1,659,260 gallons, valued at $63,318, of which 1,531,566 gallons went to France and 122,476 gallons to the United Kingdom.

Creosote Oil.—A normal seasonal interest for the account of large consuming industries provided the market with a satisfactory volume of business last week. Price schedules were in conformity with those prevailing previously. June exports totaled 811,615 gallons, valued at $104,401, of which 807,511 gallons went to Mexico.

Cresols.—Quotations held at the same levels, and a generally steady tone predominated last week. Demand was fairly steady, but commitments were usually maintained at moderate levels.

Cresylic Acid.—Spotty conditions still prevailed in the market throughout the past week. A conservative buying policy was evident in most grades of material. Quotations were in line with those established previously, and a steady tone governed the transactions. There was little new to report in the imported material; sellers were adhering to the same prices and demand was along quiet lines.

Naphthalene.—Quiet trading was reported in the market for the crude and refined material during the past week. With the season for the refined about finished, little support was evident in this direction, while demand for the crude was not very active. Prices were without change. No further concessions were uncovered in the imported crude and the quotation established the preceding period was well sustained, and the tone of the market appeared firmer.

Phenol.—A moderate buying policy was prevalent in the market last week. Major consumers were not inclined to order ahead at this time, and the bulk of the business was confined to necessary replacements. Prices were in line with those established previously. June exports amounted to 118,337 pounds, valued at $13,607, of which 33,300 pounds went to Belgium; 81,900 pounds to China and 1,330 pounds to the Philippine Islands.

Pitch, Coaltar.—A routine interest for moderate quantities was the rule in the market, and business failed to broaden. Prices ruled unchanged, and a steady to firm price tone prevailed. June exports were 815 tons, valued at $13,880, of which 412 tons went to Canada and 204 tons to Colombia.

Pyridin.—A firm price tone continued to feature the market. Shipments against contracts were adequate to absorb practically all the available

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

material direct from production channels.

Toluol. — A steady buying interest against contracts was reported in the market. Demand from the surface coating and other miscellaneous consuming channels was sufficient to keep the market in a firm position.

Xylol. — Firmness characterized the trading in the market. Material was moving out at a moderate pace in practically all directions.

Chicago Coaltar Bases

Coaltar bases are steady in a market characterized by a comparatively good flow of business for various grades of material. Buyers for the most part are operating conservatively and are preferring to keep their takings at low levels, and to renew buying operations from time to time. Benzol is moving fairly well. Supplies are kept ample by high steel industry operating rates. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—The market lacked any new developments, trading was held to conservative levels for the most part last week. Pricewise a firm tone governed the dealings.

Broenner's.—A strictly routine call prevailed in the market throughout the past week. Prices were well sustained.

Cleve's.—Shipments were moving at a fair pace in this direction. Quotations were in conformity with those prevailing for some time.

Fumaric.—A steady demand for moderate quantities was the rule. Sellers were adhering to quotations in force previously.

Gamma. — Usual consumers made their appearance when needs became urgent last week. No change was disclosed in the prices.

Maleic.—A firm price tone remained in evidence last week. Spot and contract withdrawals were moderately active.

Succinic.—While orders were kept to moderate proportions, consumers made their appearance consistently for nearby requirements. Prices ruled unchanged.

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Bids Wanted

Acid, Mixed:—5,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 166, opening August 22.

Muriatic:—2,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Acetone:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Alcohol, Hexahydric: — Purchasing Agent, Government Printing Office, Washington; opening August 23.

Aluminum, Powder:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Brushes:—Supplies of various brushes; Commanding Officer, Raritan Arsenal, N. J.; procurement 18, opening August 24.

Copper Oxide:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Cream of Tartar:—600 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 127, opening August 23.

Cresol:—12,500 gallons of aponated solution; Veterans Administration, Washington; procurement 100, opening August 28.

Drugs:—12 items for Chicago and Perry Point; Veterans Administration, Washington; procurement 39, opening August 28.

205 items; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn; procurement 12, opening September 11.

Drycleaning solvent:—13,300 gallons; Contracting Officer, Materiel Division, Dayton; procurement 127, opening August 30.

Graphite:—1,500 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 182, opening August 29.

Lubricating:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Grease, Cup:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Kerosene:—5,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Lead, Red:—2,000 pounds; U. S. Engineer Office, Custom House, Philadelphia, Pa.; procurement 33, opening August 31.

White:—3,000 pounds; Commanding Officer, Fairfield Air Depot, Fairfield, Ohio; procurement 5, opening August 25.

600 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Manganese Linoleate:—2,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Mononitronaphthalene:—10,500 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 180, opening August 21.

Oil, Cutting:—50 barrels of soluble; Commanding Officer, Frankford Arsenal, Pa.; procurement 133, opening August 24.

Linseed:—7,750 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Wax, Floor:—4,032 pounds; Purchasing Division, Procurement Division, Treasury Department, Washington; procurement 6451-D85, opening August 25.

Obituaries

William C. Schaefer

William C. Schaefer, organizer and director of the Schaefer Varnish Company, Louisville, died in his home in Indianapolis, August 7 after a prolonged illness. He was sixty-four years of age. Widely known in the paint and varnish industry, Mr. Schaefer was a salesman for the old Sun Varnish Company, Louisville, for many years prior to the organization of the Schaefer company fifteen years ago. Surviving are his wife, a daughter and a brother.

Archer L. Harvey, assistant district manager for the National Carbon Company, died in Louisville August 13. He was fifty-four years of age.

Eugenia Angelique La Mer, youngest daughter of Dr. and Mrs. Victor La Mer, Leonia, N. J., was killed in an automobile accident at Norwich, Mich., August 8. She was ten years old. Dr. La Mer is a professor of chemistry at Columbia University.

J. D. Lyon, chairman of the finance committee and a director of the A. M. Byers Company, Pittsburgh, Pa., died in Hanover, N. H., recently.

Samuel J. Simonton, affiliated with the Standard Oil Company of New Jersey, was killed in a plane crash in Copenhagen, Denmark, August 15. He was thirty-eight years of age and a native of Allentown, Pa.

Edward S. Wagner, first vice-president and treasurer of the Scott Paper Company, Chester, Pa., died in a hospital in Bryn Mawr, Pa., August 15. He was forty-eight years of age.

Benjamin Wilson, since 1918 assistant to the vice-president in charge of operations of the American Car & Foundry Company, this city, died August 16 after a brief illness. He was fifty-eight years of age.

Thomas Wittmer, vice-president and treasurer of the Wittmer Oil & Gas Properties and vice-president and director of the American Natural Gas Company, collapsed and died in his Pittsburgh home August 15. He was sixty-seven years old.

Industrial Market Data Published

—Continued from page 3

and advertising executives in estimating sizes and locations of their markets together with the potential value of these markets. He explained that data contained in the handbook have been carefully selected with the aid of many marketing executives and said that the handbook offered the most complete assembly of statistical data dealing with the size and location of American industrial markets now available to American business.

Included in the handbook is a tabulation of the county locations of 169,111 manufacturing plants by kinds of industry. Parallel tables covering the mining industry with a county location table for each of the 23,000 mines by type of mine are also given. Operation summaries showing the number of firms engaged, cost of material, fuel, and power, value of products and the number of wage-earners are included on a national basis for each of the 280 industries covered in the handbook.

The publication also contains information dealing with channels of distribution and manufacturing operation costs, as well as a key table on wholesale operation in a number of heavy industries.

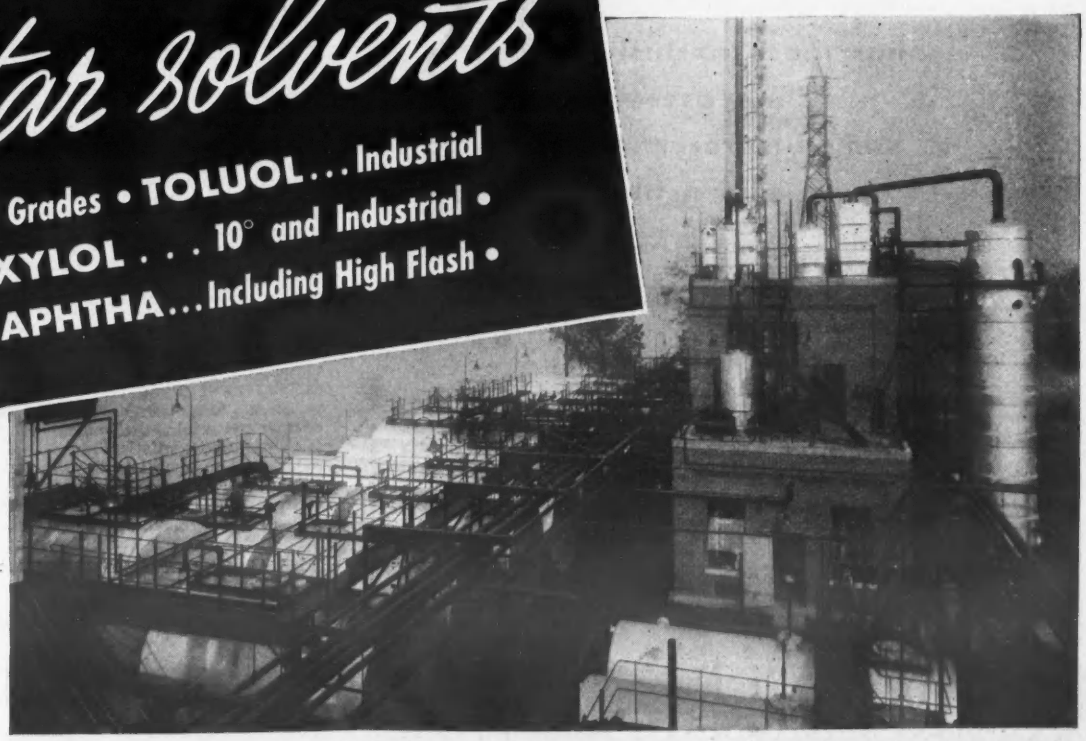
The handbook was prepared as a cooperative study by the Bureau of Foreign and Domestic Commerce, the Bureau of the Census, and the Bureau of Mines. Copies may be procured from the Superintendent of Documents, Washington, or at any district office of the Bureau of Foreign and Domestic Commerce located in principal centers of the United States. The price of the handbook is $2.50 a copy. The publication may be further identified as Domestic Commerce Series No. 107.

James T. Coleman, general plant superintendent of the No. 1 plant of the Paraffine Companies, Inc., at Emeryville, observed his twenty-fifth year with the organization with a luncheon party given in his honor by executives and employees of the company. Mr. Coleman, started with the company as a machinist.

KOPPERS

Coal tar solvents

BENZOL... All Grades • TOLUOL... Industrial and Nitration • XYLOL... 10° and Industrial • SOLVENT NAPHTHA... Including High Flash •



OTHER KOPPERS CHEMICALS AND SOLVENTS

Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

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The experience gained by Koppers in developing, designing and constructing a large proportion of the plants in which coal tar solvents are recovered in this country enables Koppers to produce coal tar solvents of great uniformity and dependable quality.

KOPPERS COMPANY . PITTSBURGH, PA.

Coaltar Chemicals

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Other Intermediates

Anilin.—Shipments moved against contracts at an irregular pace, while spot transactions were only fair. Price schedules were well maintained.

Betanaphthol.—The call for the technical material was fairly steady, although volume was somewhat limited. Prices ruled firm.

Dimethylanilin.—Withdrawals against contracts were holding at satisfactory levels for this time with the tendency to limit commitments to necessary needs only. No change occurred in the prices.

Dinitrophenol.—A steady to firm price tone governed the dealings in this direction. Business was usually confined to modest quantities.

Dinitrotoluene.—Spot and contract shipments were holding at moderate levels throughout the week just ended. Prices were without alteration.

Nitrobenzene.—Business was spotty, but some fair size replacements gave the market adequate support from time to time. Prices were firm.

Phthalic, Anhydride.—Shipments were not expanding to any extent, but the market received satisfactory support from large consumers, who made fair size withdrawals against contracts No change was disclosed in the price schedule.

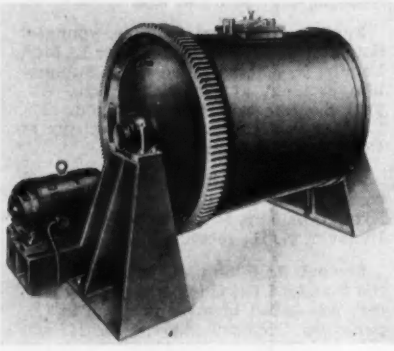
Coaltar Colors

Demand for various coaltar colors was steady, although volume was still somewhat limited last week. Withdrawals by the textile trade were spotty, while other large consumers were content to place commitments when needs became urgent. No change occurred, and the tone of the market was steady to firm. Imports of coaltar colors, dyes and stains into this country during June amounted to 227,813 pounds, valued at $377,126, of which Switzerland shipped 171,265 pounds and Germany 32,032 pounds.

Porter Co. Making Industrial Equipment

Pittsburgh, Aug. 15, 1939

The H. K. Porter Company, known for more than seventy years as a manufacturer of industrial and switching locomotives, has expanded its activities by the establishment of a separate division for the design and manufacture of many types of processing equipment, including ball and pebble mills, tube mills, agitators, mixers, blenders, autoclaves, kettles, tanks, and the like. Several of these products are said to incorporate new features of design and construction developed by the company's process equipment engineering department.



New Porter Mill

Illustrative of the refinements reported for the new Porter apparatus is the company's recital of the principal features of its ball and pebble mills:—

All mills are mounted on self-aligning roller bearings of high load capacity, designed to outlast the mill proper without attention other than lubrication. This reduction in friction load materially reduces operating and maintenance costs.

All mill stands are of electrically welded steel construction to support the loads and maintain rigidity. The motor stands are fabricated as an integral unit of the mill stand to avoid misalignment of motor drive.

All drives are designed to meet the service required and have been selected for high overhung load capacity to minimize bearing wear in the drives themselves due to the spreading effect of gear and pinion loads.

All unlined mills are constructed of high-carbon steel with a manganese content of 1.5 to 2 percent and having a tensile strength of over 100,000 P.S.I. and a Brinell hardness of between 200 and 250. All mills, up to and including those 36 inches in diameter are made with seamless, formed, dished heads of the same composition as the mill body. This feature increases the ball action, reduces grinding time, and prevents corner wear.

All jacketed mills, whether lined or unlined, have the jacket extending over nearly 100 percent of the mill surface instead of over a portion of the cylindrical surface. This feature promotes more rapid cooling or heating, as may be required, and provides more rigid control of temperature. Even distribution of heating and cooling mediums is obtained by means of baffles.

All lined mills have standard doors, easily replacable at low cost.

The only castiron used in the construction of Porter mills is in the door and doorframe, which do not come in contact with the material being ground. Mill and castings and gears are of steel.

World Chemical Activities Uncertain in 1938

—*Continued from page 3*

there was a movement of key manufacturing establishments away from foreign borders and seacoasts to more protected places.

Although definite data are lacking, since the chemical industry is considered a vitally important key industry in case of war, therefore, all information carefully guarded, it is certain that most countries were preparing for any emergency by the establishment of commissions for the accumulation of stocks and other supplies. The Government Commission for Economic Preparedness in Sweden has laid in heavy stocks of alkalies, phosphate rock, sulphur, white and red lead, and similar chemicals.

Competition in all world markets continued to be very keen in 1938, especially in certain lines, but Japan was a less serious competing factor than in the period 1934-36. Germany continued to be a strong competitor of the United States in some markets, particularly in certain of the Latin American countries, because of the German methods of trading, none of which was new in 1938, however. Nevertheless, a few of the customers were reported to have given preference to the United States or other European suppliers wherever possible.

The trend toward self-sufficiency was accentuated in Germany, Italy, and Poland; in fact, in most European countries and in other areas, particularly Japan, New Zealand, and Brazil. India was, perhaps, outstanding among the countries becoming industrialized and for the number of new chemical plants established or under construction in 1938. Although the self-sufficiency drive may reduce the imports of certain finished products, it usually brings about a greater demand for chemicals and chemical raw materials.

Among the agricultural countries of the world, some of the minor markets purchased smaller amounts of chemicals and allied products in 1938 than in 1937, because the purchasing power of the natives in these various sections was reduced by the shrinking values of many important agricultural export products which had encountered slack demand and low-price levels. British Malaya, Netherlands Indies, and Egypt were examples of this situation.

At a time when such increase in chemical production as did take place was due chiefly to rearmament, it is encouraging to be able to look to some of the other smaller markets where conditions usually are stable from one year to the next, as in the case of Ceylon, the Philippine Islands, Siam, Syria, the Union of South Africa, and certain of the American republics. In the aggregate the total chemical trade of these various countries is considerable.

After concise reviews with reference to trade regulations, organizations and cartels, new plant construction, new products, new uses, and new sources of raw materials, the review continues with detailed statistical data and commentaries on chemical developments in fifty-five countries. An idea of the comprehensiveness of these chapters may be got from the fact that Germany gets ten pages; United Kingdom, nine; Brazil, seven; Italy, five; and Japan, more than four.

The chemical review, titled "World Chemical Developments in 1938," was prepared by C. C. Concannon and A. H. Swift, of the Chemical Division of the Bureau of Foreign and Domestic Commerce. It comprises 205 pages. It is procurable from the Superintendent of Documents, Washington, at 25 cents a copy.

Trade Briefs

Chlorine plant will be constructed in Izmit, Turkey, at a cost of 569,800 Turkish pounds.

Hercules Powder Company is building an addition to its plant at Parlin, N. J.

Frank Grilli of the Innis, Speiden & Co., this city, is planning a two weeks' vacation in Kingston, N. Y.

Shell Union Oil Corporation plans the erection of a natural gasoline plant in Texas at a cost of $1,125,000.

B. F. Goodrich & Co., Akron, plans the completion of a new plant in Clarksville, Tenn., in October.

J. A. and E. J. LaFortune has opened the sixth tung oil mill in the United States at Lucedale, Miss.

Oil industry will hold the first annual celebration of the discovery of oil in Permian Basin, Tex., August 24-25.

American Petroleum Institute has leased additional office space at its location in Rockefeller Center, this city.

Ming Toy Dyeing Company, Haldeon, N. J., plant was wrecked by fire August 14, with the damage estimated at $75,000.

Pyrene Manufacturing Company, manufacturer of fire extinguishers, is constructing a new building at its Newark plant.

G. F. Deegan, of the vegetable oil department of W. R. Grace & Co., this city, is enjoying a vacation in the White Mountains, New Hampshire.

J. H. Tarlowe, of the by-products export department of Swift & Co., 2 Broadway, this city, returned last week from three weeks' vacation in Miami Beach, Fla.

B. & B. Exterminators, Inc., Baltimore, has increased its capital stock from 400 shares of a par value of $50 a share, to 8,000 shares of a par of $10 each.

National Dyeing & Printing Company, East Paterson, N. J., stockholders August 15 approved the acceptance from the Reconstruction Finance Corporation of a loan of $700,000.

Howard E. Young, president of the J. S. Young Company, licorice and logwood extract manufacturer, Baltimore, who died June 20, left an estate of $901,813, according to an inventory filed in the Orphans' Court of Baltimore on August 17 .

Foote Mineral Company, Philadelphia, has engaged Jack M. Noy, as a research chemist in its laboratory.

Monsanto Chemical Company, St. Louis, plans the construction of a new diphenyl unit at the Anniston, Ala., at a cost approximating $75,000.

Gaylord Container Corporation, this city, has issued 10,000 shares of its 5% preferred stock to A. C. Goodyear, C. W. Goodyear and D. T. Cushing, as liquidators of the Great Southern Lumber Co. in payment for property received from the latter company.

New York World's Fair 1939, Inc., has asked holders of the four percent debentures for permission to change indenture whereby it temporarily might retain funds now accruing to them for the purpose of meeting bills for extra and unexpected costs in connection with building construction projects.

J&L CXP BENZOL

has these exclusive features which increase your production, cut processing costs and assure you a better product

Here is a Benzol free from injurious corrosive compounds — that will keep your stills running on a continuous maximum production basis — with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol — always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed — Freezing Point 5.30° C — Boiling Range, less than 1° C — Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

JONES & LAUGHLIN STEEL CORPORATION
AMERICAN IRON AND STEEL WORKS
PITTSBURGH, PENNSYLVANIA
MAKERS OF HIGH QUALITY IRON AND STEEL PRODUCTS SINCE 1850

J&L STEEL

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NAPHTHENIC ACIDS

● CRUDE, SEMI-REFINED AND FULLY REFINED GRADES AVAILABLE IN VARIOUS ACID NUMBER RANGES

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

3-Aminodiparatoluenesulphonylparatoluidin

Dye

Reactant in—
Dye syntheses
Starting point (Brit. 448592) in making—
Yellow dyes for wool with 1-parasulphophenyl - 3 - methyl-5-pyrazolone
Brownish-red chrome dyes for wool with 1-parasulphophenyl - 3 - methyl-5-pyrazolone
Orange dyes with 1:3:6-naphtholdisulphonic acid Violet chrome dyes with 1:3:6-naphtholdisulphonic acid

2-Amino-6-piperidylpyridin

Disinfectant

As a germicide (U.S. 2129294)

Insecticide

As an insecticide (U.S. 2129294)

2-N-Butylidenecyclohexanone

Perfume

Odorant (Brit. 451462)

N-Butylmonochlororesorcinol

(1:3-Dihydroxy-4-N-butyl-6-chlorobenzene)

Disinfectant

As an antiseptic (U.S. 2151137)

6-Chlor-4-amino-1:3-diparatolyloxybenzene

Textile

Starting point (Brit. 488595) in making—
Diazotized red dyes on cotton yarn by coupling on the fiber with—
Acetoacetic acid arylamides
2:3-Hydroxynaphthoic acid arylamides

Copper Fluoarsenate

Insecticide

New insecticide (Brit. 499529) claimed to have following advantages—
Availability for use in sprays in combination with lime-sulphur and bordeaux mixtures without the disadvantage of decomposition and injury to plants
Equal to and in many cases superior to lead arsenate
Harmless to plants because of low content of water-soluble arsenic and stability
Very suitable physical properties

Di-isobutylphenylbenzylmethylsulphonium Methylsulphate

Disinfectant

Bactericide (U.S. 2155504) for—
Coli bacilli (1:1000)
Diphtheria bacilli (1:10,000)
Staphylococci (1:10,000)
Typhus bacilli (1:1000)

Diocenolamine Chloride

Building Construction

Fluidity promoter (Brit. 458266) for—
Cement and concrete mixes

Ditolylamine

Chemical

In organic syntheses

Dye

In dye syntheses

Paper

Antioxidant (Brit. 468450) for—
Rosin soaps

Soap

Antioxidant (Brit. 468450) for—
Rosin soaps

Grapeseed Oilcake

Animal Husbandry

As a cattle feed
Ingredient of—
Cattle feeds

Fertilizer

As a fertilizer
Ingredient of—
Fertilizer compositions

Wine

Starting point in making—
"Trester" wines (cheap, dry, European wines known by this generic name)

Lophira Fat

(Liku Fat, Meni Fat, Niam Fat, Zawa Fat)

(A fat from the fruit kernels of Lophia alata, Banks, indigenous to Uganda, Sierra Leone, Sudan, Tropical West Africa from Senegal to the Cameroons, and Gaboon)

Fats and Oils

Suggested for use as a vegetable fat offering the following properties—
Pale-yellow color
Semisolid fat
Free from any marked unpleasant taste or odor
Saponification value 180 to 190
Iodine value 68 to 78

Food

Suggested for use as—
Edible oil or fat (refined product)

Soap

Suggested for use as—
Soapstock

3-Meta-aminobenzenesulphonamido-5-sulphosalicylic Acid

Dye

Reactant in—
Dye syntheses
Starting point (Brit. 439680) in making—
Yellow chrome dyes with 3-methyl-5-pyrazolone
Yellow chrome dyes with 2:4-dihydroxyquinolin
Yellowish-brown dyes (on leather) with resorcinol

2-Methylthiouracil

Photographic

Antifogging agent (Brit. 452043) in—
Photographic processes (can be added: (a) to the emulsion; (b) to an adjacent layer; (c) to the wrapping paper; (d) to the developer)
Stabilizer (Brit. 452043) for—
Emulsions
Starting point (Brit. 452043) in making—
Derivatives and salts useful as emulsion stabilizers and antifogging agents

Nicotine Tannate

Insecticide

Insecticide (U.S. 2152236)

Ochna Pulchra Oil

(An oil from the fruits of Ochna pulchra, indigenous to Rhodesia and South Africa)

Fats and Oils

Suggested for use as a vegetable oil offering the following properties—
Greenish-brown color
Odor resembling that of valeric acid
Saponification value 196 to 197
Iodine value 58 to 74

Soap

Suggested for use as—
Soapstock

Propyl Malonate

Chemical

Reactant in—
Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, preserves, and the like

Resorcinol Monobutylether Diethylcarbamate

Pharmaceutical

Claimed (Brit. 493465) to have properties as—
Vermicide for animals

Sodium Selenocyanate

Agriculture

Sterilizer (Brit. 490436) for—
Grain

Insecticide and Fungicide

As a parasiticide

Paint and Varnish

Ingredient (Brit. 490436) of—
Antifouling paints

Tin Phenylate

Lubricant

Addition agent (Ger. 643508) for—
Lubricants

Tri-1:3:5-xylenol Phosphate

Ceramic

Plasticizer (Brit. 450891) in—
Compositions, containing resins and gums, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (Brit. 450891) for—
Resins and gums
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Benzene
Butyl acetate
Ethyl acetate
Toluene
Various other solvents and thinners and diluents

Cosmetic

Plasticizer (Brit. 450891) in—
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Electrical

Plasticizer (Brit. 450891) in—
Insulating compositions, containing resins and gums, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 450891) in—
Compositions, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (Brit. 450891) in—
Adhesive compositions containing resins and gums

Leather

Plasticizer (Brit. 450891) in—
Compositions, containing resins and gums, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metal Fabrication

Plasticizer (Brit. 450891) in—
Coating compositions, containing resins and gums, used for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 450891) in—
Coating compositions, containing resins and gums, used for protecting and decorating various products
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Wood polishes

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Photographic

Plasticizer (Brit. 450891) in making—
Films

Plastics

Plasticizer (Brit. 450891) in making—
Laminated fiber products
Molded products
Plastic materials

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Plasticizer (Brit. 450891) for—
Resin-cellulose derivative compositions and solutions

Rubber

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Compositions, containing resins and gums, used as coatings for decorating and protecting rubber articles

Soap

Detergent (Brit. 450891) in—
Soaps
Soap powders
Scouring powders

Stone

Plasticizer (Brit. 450891) in—
Coating compositions, containing resins and gums, used for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 450891) in—
Compositions, containing resins and gums, used in the manufacture of coated fabrics

Wood

Plasticizer (Brit. 450891) in—
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Plastic compositions, containing resins and gums, used for many filling and repairing purposes on wood

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Perfume

Odorant (Brit. 451462)

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Gronemeyer to Manage Monsanto Plastics Plant

Springfield, Aug. 16, 1939

Fred G. Gronemeyer has been named plant manager of the Springfield, Mass., plant of the plastics division of the Monsanto Chemical Company, St. Louis. He has been resident engineer for the plant since April of this year.

Born in St. Louis, Mo., in 1902, Mr. Gronemeyer attended the St. Louis public schools and was graduated from Washington University, St. Louis, in 1924 with a bachelor's degree in mechanical engineering. From 1924 to 1929, he was employed on design and construction work by the Barber Asphalt Company, Madison, Ill., and in May, 1929, joined Monsanto as plant maintenance and construction engineer. In 1935 he was transferred to the research department as a development engineer, and in July, 1938, was sent to Springfield as development engineer for the plastics division plant.

Davison Chemical Reassigns Kincaid, Ames, Pope, Bennett

A. D. Kincaid, manager of the Norfolk division of the Davison Chemical Corporation, Baltimore, has been transferred to the home office. J. E. Ames, jr., assistant manager at Norfolk, has been named manager. Thomas R. Bennett, assistant manager at Charleston, has been appointed assistant to Mr. Ames. Ralph J. Pope has been named assistant manager of the Atlanta office.

Social Security Act Amendments Explained

—Continued from page 3

Federal unemployment compensation tax. This limitation does not apply to the year 1939 or to previous years, the total amount of wages paid by the employer for those years being subject to the tax.

3. Effective with the current year, the tax base for purposes of the unemployment compensation tax is changed from "wages payable" to the "wages paid" definition used in the old-age insurance provisions.

4. The time within which employers of eight or more employees may pay their contributions to the various State unemployment funds for the years 1936, 1937 and 1938 and still qualify for the credit against the Federal unemployment compensation tax has been extended through October 9, 1939. Under the old law, the contributions for these years were required to be paid before the due date of the Federal return or, in the case of the year 1936, before July 27, 1938. Beginning with the year 1939, moreover, if the State contributions are paid after the due date of the Federal return but on or before June 30 next following the due date, the employer will not lose the benefit of all such contributions in computing his Federal tax but will be able to credit against the tax 90 percent of the amount of contributions which would have been allowable to him had he paid them on or before the due date.

5. Effective January 1, 1940, both the title VIII (old-age insurance) and unemployment compensation taxes will apply to national banks, State banks which are members of the Federal Reserve System, and certain other Federal and State instrumentalities which are exempted under the old law. Seamen on American vessels will likewise be covered for purposes of the title VIII tax but not for unemployment compensation.

6. An important change in the law which will be of immediate interest to both employers and employees is one which, effective January 1, 1939, makes the title VIII taxes applicable to employees over sixty-five years old. Under the previous legislation, these employees were exempted. The fact that the change is retroactive will mean that, subject to certain limitations contained in the amendments, title VIII taxes will be due on all taxable wages paid to employees over age sixty-five for services performed by them since January 1, 1939.

7. Beginning with January 1, 1940, a number of new exemptions from both the title VIII and unemployment compensation taxes are also added by the amendments. These include services performed by employees receiving only nominal amounts (less than $45 per quarter) from various nonprofit organizations exempt from Federal income tax; services performed for agricultural; horticultural, and employees' beneficiary associations; newsboys under the age of eighteen; student nurses and internes, and certain other groups.

8. The exemption of agricultural labor under the old law has also been broadened, effective January 1, 1940, so as to exclude numerous types of services heretofore taxable under both the old-age insurance and unemployment compensation provisions of the act.

A number of minor changes in the taxing provisions of the law are also made by the amendments. All the changes, the commissioner stated, will be made the subject of new regulations.

Glyco Producing Commercially Methyl Oleate and Stearate

Glyco Products Company is producing commercially methyl oleate and methyl stearate. The Glyco company suggests their use as plasticizers for various kinds of coatings; cleaning and polishing compounds; carrier for dyes; molding and special lubricants; cosmetic lipsticks; stencil sheets; carbon paper; typewriter ribbons; duplicating and stamping inks; non-drying compositions; softener for leather, rubber, waxes, resins; and varnish removers.

British Custom Rules Compiled

Copies of the revised handbook, "Preparing Shipments to British Countries," covering customs regulations and documentation requirements of all countries in the British Empire, except Canada, are available to American companies engaged in foreign trade. Copies may be purchased directly through the Bureau of Foreign and Domestic Commerce, or through any of the district offices of the bureau located in principal commercial centers in the United States at 25 cents per copy.

Tung Oil Price Rise Factors Are Discussed

The manner in which curent hostilities in China are paralyzing shipments of tung oil to this country is dealt with in an article in the August issue of *National Painters Magazine*. As a result of the diminution of exports, it is pointed out, tung oil has advanced considerably in price in the last few years, much to the concern of paint manufacturers since the current selling prices of their products which are formulated on a tung oil basis were established when prices for the oil were far below the present level.

An insight to the increased cost of the oil is obtained from the description in the article of the manner in which the war has disrupted the movement of tung oil in China.

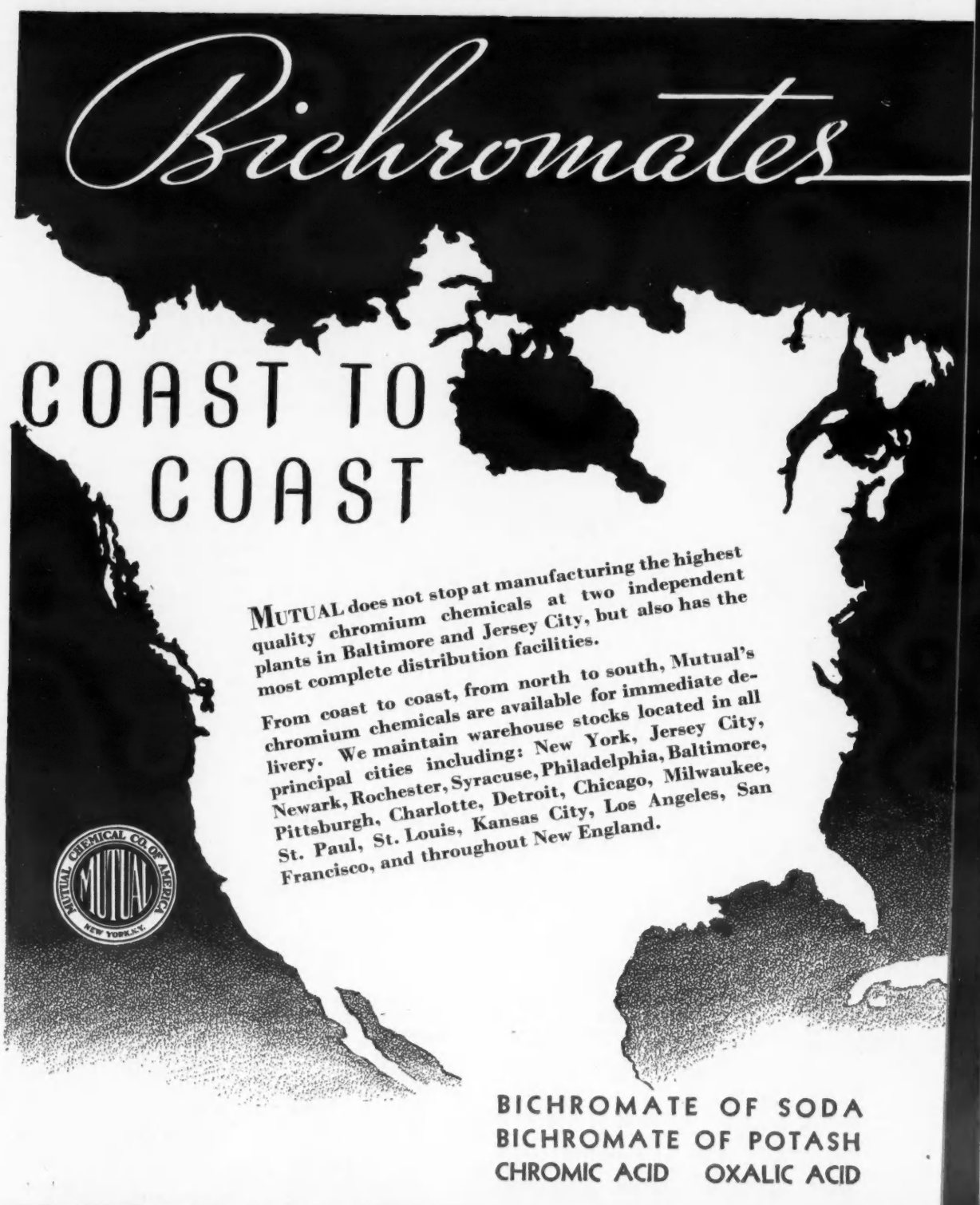
Independent Oxygen to Open Plant in Reading, Ohio

The Independent Oxygen Company, recently incorporated in Delaware, plans the completion of a plant shortly in Reading, Ohio, at a cost of $100,000. Officers of the new concern are: President, H. W. C. McClelland, former vice-president of the National Cylinder Gas Company, Chicago; vice-president and treasurer, L. E. Sherman, also formerly of the National Cylinder Gas Company; vice-president and secretary, Herbert T. Marcus.

DuCommun Nominated Head Of Golden Gate Paint Club

L. M. DuCommun has been nominated for the presidency of the Golden Gate Paint, Varnish and Lacquer Association. Other officers nominated were:—Vice-president, R. D. Sullivan, and secretary-treasurer, Paul Wood. In addition to the officers other nominees to the executive committee included L. G. Harrier, J. Morris, A. P. Otto and Lloyd Grandville.

Pignolia nuts, or pine or pinon nuts, have been held by the United States Customs Court, Third Division, to be subject to an import duty of 5 cents per pound as edible nuts under paragraph 761 of the tariff act. The court ruled against the importer's contention that the nuts were admissible free of duty as oil-bearing nuts under paragraph 1727.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Dyestuffs, Textile and Leather Chemicals

Corn Sugar, Dextrin and Starch Quotations Revised Upward — Bichromates Taken Moderately — Logwood Holds Firm —Egg Albumen Unchanged—Tanning Materials Dull

An upward revision in the prices for corn derivatives provided the outstanding development in the market for dyestuffs, textile and leather chemicals last week. After a long period of weakness, the market for corn sugar, dextrin and starch was prompt in reflecting the recent strength in the commodity market. Sellers could point to a broader buying movement before the advance by consumers, who were adhering to a hand-to-mouth buying policy. Aside from this, the market lacked any further changes.

Business was generally along restricted lines, with little incentive on the part of consumers to expand purchases at this time. Not much in the way of improvement was looked for over the next few weeks in view of the usually lethargy accompanying vacations and seasonal shut downs in many consuming industries.

Bichromates were taken moderately, with most of the transactions representing necessary replacements against existing contracts. Dealings in potash and soda prussiate were somewhat limited, but the quotations remained steady. Zinc dust was firm. Logwood and cochineal were in fair demand in the natural dyestuff market. Annatto and turmeric were dull.

Blood albumen was unchanged, the position of the market was very firm because of the inability of domestic producers to fill orders promptly in the absence of any foreign offerings. Egg albumen was quiet and unaltered. Tanning materials failed to improve, most tanners were content to order on a hand-to-mouth basis with quotations established previously well sustained.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Corn, sugar, tanners, 5c. per 100 lbs.
Dextrin, 5c. per 100 lbs.
Starch, 5c. per 100 lbs.

Reduced

None.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
134.2	134.1	135.9	151.7

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—Prices were maintained at firm levels last week. Trading in the various grades of material was confined to nearby requirements.

Chrome Acetate. — Small quantities usually made up the call in this direction. Sellers were adhering to quotations in force previously.

Potash Bichromate.—A steady demand for moderate quantities was the rule in the market throughout the week just ended. A firm price tone characterized the trading.

Potash Prussiate.—No broadening in the demand was evident, and commitments were usually confined to routine proportions. Prices were without alteration.

Soda Bichromate. — Consumers entered the market for fair size replacements against contracts during the week. Prices ruled unchanged, and a firm tone governed the dealings.

Soda Prussiate.—Spot and contract quotations were unaltered. Transactions were limited to modest quantities for the most part.

Zinc Dust.—A firm price tone remained in evidence, and quotations were well sustained at the levels established recently. Business was moderately active.

Dyestuffs

Annatto.—Trading continued dull, but despite the lack of buying interest prices were well sustained.

Archil.—Usual consumers provided the market with a fair amount of business, but transactions were held to nearby needs. Prices ruled firm.

Cochineal.—No new developments entered the market, trading was steady for moderate quantities, and prices held unchanged.

Fustic.—A firm price tone predominated throughout the past week. Business was not very broad, and confined to modest quantities in most instances.

Logwood. — Quotations were well maintained at previous levels. Consumers made their appearance for moderate commitments. There is only one logwood extract factory in Jamaica and practically all material is exported. During 1938, 5,758 tons were exported, compared with 22,059 tons in the preceding year.

Turmeric. — Quiet conditions surround the trading last week. Sellers were adhering to quotations in force previously.

Sizing Materials

Albumen, Blood.—Demand continued to absorb practically all domestic and imported supplies. Domestic prices held at the same levels, while quotations for the foreign material were nominal.

Albumen, Egg.—The market lacked any new developments last week. Buying was rather limited, and prices were the same. August 1, the normal peak point of accumulation of egg stocks, showed 7,001,000 cases of shell eggs and 143,021,000 pounds of frozen egg meats on hand. This compares with 6,411,000 cases of shell and 135,329,000 pounds of frozen eggs on August 1 a year ago, according to the Department of Agriculture.

Corn Sugar.—The market was prompt in reflecting the recent upturn in the basic commodity and prices were advanced 5c. per 100 pounds for the chipped, slabs and solid material. Business was moderate.

Dextrin.—After declining to the lowest levels in some time, the market recorded an advance of 5c. per 100 pounds for various grades of material last week. The higher prices were directly attributed to the higher corn prices. Bookings were fairly steady.

Starch.—Quotations for pearl and powdered corn starch were 5c. per 100 pounds higher last week. A good buying interest was reported before the recent upturn in prices. Corn grind of eleven refiners of starches, syrups, sugars and other derivatives of corn for July totaled 4,309,523 bushels, against 5,412,732 bushels in the preceding month and 4,744,081 bushels in July, 1938. For the first seven months the grind aggregated 36,007,848 bushels, compared with 36,686,512 bushels in the like period a year ago.

Tanning Materials

Chestnut Extract. — Buying interest was only fair in this direction, and consisted mostly of withdrawals against contracts. Prices ruled firm.

Gambier.—No change occurred in the prices for the common, plantation and Singapore cubes, and the position of the market continued favorable. Demand was dull.

Mangrove Bark. — Quotations for the fibrous and non-fibrous were steady to firm. Commitments were on a hand-to-mouth basis.

Myrobalans.—Dealings were not very extensive, with most consumers content to purchase for immediate needs only. Prices were unaltered.

Quebracho. — Shipments were only moderate, with little forward buying reported last week. Prices ruled unchanged.

Sumac.—The market was quiet, with tanners content to mark time before making any substantial commitments at this time. No change was disclosed in the prices.

Valonia.—There were no indications of any broadening in the demand, and consumers limited orders to nearby production requirements. Prices were unchanged.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Celanese Files Patent Suit

Wilmington, Aug. 15, 1939

The Celanese Corporation of America has filed a patent infringement suit in the Federal District Court against the Tubize Chatillon Corporation. The suit charged infringement of three basic patents covering the manufacture of abraded acetate rayon yarns. The Celanese company asked an injunction, an accounting of profits and triple damages.

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Trade Associations Indicted as Trusts

—Continued from page 3

paper and artificially maintaining and affecting its price to the consumer. The second indictment charges the National Container Association, twelve regional container associations, twenty-seven corporations, and twenty-eight individuals with having engaged in a combination and conspiracy to restrain interstate commerce in corrugated and solid fiberboard shipping containers by allotment of production among certain of the defendants and by artificially fixing and maintaining noncompetitive prices for shipping containers.

The Stevenson Corporation, which, together with certain individuals, conducts the business of trade association management under the firm name of Stevenson, Jordan & Harrison, is named as a defendant in both indictments and is charged with having participated in both combinations and conspiracies through its management activities in connection with all the associations named in both indictments.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acetic acid: — Purchase; Alexandria, Egypt (3199).

Antimony sulphide:—Purchase; Weert, Netherlands (3169).

Beeswax:—Agency; Delhi, India (455).

Cosmetics:—Agency; Baghdad, Iraq (3171).

Cottonseed oil:—Agency; Alexandria, Egypt (465).

Drugs:—Agency; Manila, Philippine Islands (3256).

Fish meals:—Agency; Vancouver, Canada (464).

Fireproofing compounds:—Agency; Cairo, Egypt (3282).

Formaldehyde:—Purchase; Alexandria, Egypt (3199).

Inks, printing:—Purchase; Zurich, Switzerland (3212).

Insecticides:—Agency Singapore, Straits Settlements (3205).

Medicinal confectionery:—Agency; Paris, France (3180).

Paint, spray:—Agency; Singapore, Straits Settlements (3205).

Pharmaceuticals:—Agency; Amagus, Nicaragua (3170).

Pharmaceuticals:—Agency; Alexandria, Egypt (3274).

Potash Bichromate:—Purchase; Weert, Netherlands (3169).

Potash Bichromate:—Purchase; Alexandria, Egypt (3199).

Pyroxlin plastics:—Purchase; Warsaw, Poland (3168).

Rhodamine:—Purchase; Weert, Netherlands (3169).

Rosin:—Agency; Rio de Janeiro, Brazil (3174).

Sulphur:—Purchase; Weert, Netherlands (3169).

Soda Bichromate:—Purchase; Alexandria, Egypt (3199).

J. W. Young Made Head Of Commerce Bureau

—Continued from page 5

from activity in the Thompson company, except for consulting service in connection with foreign offices. In 1934 he was appointed chairman of the advisory committee on Indian arts and crafts by Secretary of the Interior Ickes. In the latter capacity Mr. Young helped draft legislation which created the Indian Marketing Board in the Interior Department.

From 1931 to 1935 he was professor of business history and advertising at the University of Chicago School of Business. Mr. Young is chairman of the Lane Publishing Company, San Francisco, and is the author of "Advertising Agency Compensation," along with numerous other articles which have appeared in business and scientific journals.

Paint, Varnish, Lacquer Materials

Casein Advanced Again — Quicksilver Vermilion Down — July Building Permits Off — Calcined Gypsum Sales Sharply Increased—Naval Stores Steady

Casein prices were revised upward during the period under review and gave every indication of seeking higher ground again in the near future. Production has been at a low level this year to date and because of a healthy demand supplies in the hands of sellers are also at a low level. A new flush of material is expected in the Fall but that is very small every year, therefore it is not expected to tend to force prices downward.

Another price change last week was a reduction in quicksilver vermilion. This drop was expected because of the weakness of the metal market for the past few weeks. Zinc oxides remained one of the strong points of the paint material trade, with a good tonnage going into shipment. The activity in the carbon black trade continued to slacken, rubber tire makers apparently having enough supplies to cover immediate needs. The majority of other materials were more or less routine.

Southern and local markets for rosin and turpentine had a generally steady tone last week, price movements being narrow. New business continued to be reported as quiet, but the movement into consuming channels on contracts held up well for this period of the year. Weather conditions were favorable for production and marketing operations.

July building permit valuations tapered off from June in line with usual seasonal expectations, according to Dun & Bradstreet. Total estimated value of permits issued in 215 cities of the United States during last month was $102,750,445, a drop of 15 percent from the $120,912,252 recorded in June, and 27 percent under the $140,803,564 for July, 1938. Permits for the first seven months of this year in 215 cities were valued at $724,140,136, 8.3 percent more than the comparative 1938 figure of $668,364,070. All the geographical divisions except the Middle Atlantic registered gains over last year. This latter region included New York, where a drop of 43.5 percent from last year was noted.

The Bureau of Mines reported that sales of calcined gypsum for manufacturing plate glass and terra cotta amounted to 7,164 short tons during the second quarter of 1939, against 4,167 during the similar period last year. Sales for pottery were 4,037 tons during April-June, 1939, against 3,273 during the similar period last year. Sales for dental and orthopedic plasters were 2,475 tons and 1,725 tons, respectively, and sales for other manufacturing uses were 11,839, against 16,081.

Exports of casein from New Zealand during 1938 registered a decline to 41,403 hundredweight, which was approximately a 47 percent decrease from the 1937 figure of 77,534 hundredweight.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., ½c. per lb.

Reduced

Red, vermilion, quicksilver, 3c. per lb.
Rosin, gum, medium grades, 10c. to 20c. per 280 lbs.
Turpentine, gum, ½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.2	131.2	131.2	131.1

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead and slab zinc movements were light last week. Several sellers had difficulty in disposing of their week's supplies. Domestic prices for both metals were firm at the quoted figures. On the London Metal Exchange lead prices moved in narrow limits with no change of consequence. Zinc prices firmed a bit in London but not enough to reflect in the domestic market.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from August 12 to August 18, inclusive, were as follows:—

	Pigs		Spot. London.		
	Per pound		Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday ..	$0.0505@.0510	$0.0490	15	8	9
Monday ...	.0505@.0510	.0490	15	6	4
Tuesday ...	.0505@.0510	.0490	15	5	0
Wednesday.	.0505@.0510	.0490	15	5	0
Thursday ..	.0505@.0510	.0490	15	17	6
Friday	.0505@.0510	.0490	15	18	9

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from August 12 to August 18, inclusive, were as follows:—

	Slabs		Spot. London.		
	Per pound		Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0515	$0.0475	14	6	0
Monday	.0515	.0475	14	8	0
Tuesday	.0515	.0475	14	10	0
Wednesday	.0515	.0475	14	8	9
Thursday	.0515	.0475	14	8	9
Friday	.0515	.0475	14	8	9

Pigments

Zinc oxides continued in good demand while titaniums held the pick-up in sales reported in the last issue. Lead oxides were moving in routine fashion, the price advances several weeks ago apparently failing to disturb demand.

Litharge.—Demand was still good for this time of year and tonnage shipped into consumption was at a satisfactory figure. The price was firm.

Red Lead. — Consumers' interest slackened somewhat. Shipments, however, were still at a good level. The price was firm and unchanged.

Ttitanium Pigments.—The pick-up in demand noted two weeks ago held firmly during the period under review. Prices were steady. Brazilian exports of ilmenite totaled 317,063 kilograms in 1938, against 234,440 kilograms in 1937. Exports of rutile amounted to 214,437 kilograms last year against 654,233 in the preceding year. Both minerals are sources of titanium dioxide.

White Lead.—Demand remained routine, with shipments being for small-sized lots of material. The long-standing price continued firm and unchanged.

Zinc Oxides. — These pigments continued to be the strongest in the division in regard to demand and sales volume. Consumers were calling for healthy amounts of material last week and shipments were at a good level considering the time of year. Prices continued firm and unchanged.

Fillers and Extenders

Local jobbers and primary suppliers of inert pigments and extender products reported a routine market that was characterized by quiet last week. Fall prospects were believed to be good but there was little demand for most of these materials last week.

Barytes.—Domestic suppliers and importers reported no changes from the preceding week. Demand was at the same level and prices were firm. A total of 5,800 metric tons of barytes was produced in Cuba last year, against 3,350 tons in 1937. Exports for 1937, the latest year for which figures are available, totaled 3,659,070 kilograms, compared with 260,015 in 1936. The major portion of the exports is shipped to the United States.

Mica. — Paint and roofing material buyers were operating in limited fashion during the period under review, a situation that had existed for several previous weeks. Pricewise, the market was steady and unchanged.

Varnish Gums

For the second successive week prices held to the previous levels and last week they gave a hint of firmness. Demand was still small but major sup-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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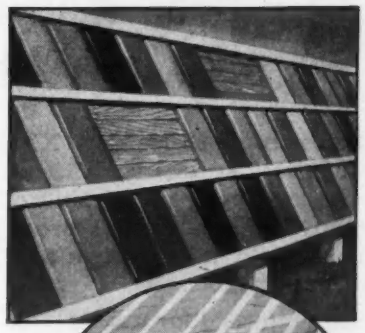

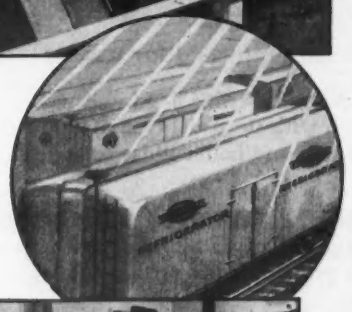

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pliers were a bit more optimistic about the possibilities for the Fall season.

Copals.—Shipments into consumption were small but firmness of the foreign market bolstered the domestic trade slightly. Prices were unchanged at the quoted levels.

Dammars.—Buyers were not very active and as a result only small-sized lots of material were moving into consumption. Prices were steady. Imports of this type gum into the United States during the first six months of this year totaled 8,534,705 pounds, at a valuation of $356,257. These figures compare with imports of 4,140,113 pounds, at a valuation of $292,756, in the corresponding period of 1938.

Synthetic Resins

Ester gum was in routine demand with major suppliers holding firmly to quoted prices. Sales volume this year to date was light, but was materially better than during the corresponding period of 1938.

Dry Colors

Carbon black was still strong, although the demand decreased greatly in the week, following the trend noted two weeks ago. Inquiries for ocher picked up slightly. All other materials remained in more or less satisfactory market positions.

Carbon Black.—Tire manufacturers had greatly curtailed their orders two weeks ago, and last week saw another less-active period. Shipments of this material into consumption fell off noticeably. Consumers apparently had enough stocks on hand to supply their needs for the near future and were no longer interested in offerings. Business was so good this year to date, that carbon black was still considered one of the strong points of the color market, despite the long-standing low price which continued unchanged.

Cadmium Lithopone.—The advance in the metal price had still failed to effect the price of this derivative last week and material was being offered at the same quotation that had stood for several previous months. Shipments into consumption were fairly good, although seasonally light in regard to tonnage.

Iron Oxide.—Demand was routine and shipments small. No price changes were made.

Mercuric Oxide.—Quiet characterized the market here, with consumers not inclined to add to stocks at the present moment. The technical grade material continued at $1.56 per pound.

Ocher.—A small pick-up in inquiries for future delivery featured the market. Spot demand continued light, however, with shipments small in volumn. No prices were revised.

Ultramarine.—Tonnage into consumption was at about the same level during the period under review. The price was firm and unchanged.

Vermilion.—The weakness in the quicksilver market was finally reflected in the price of English vermilion and last week the color was offered at a 3c. reduction. New quotations were $1.52 per pound for five tons or more and $1.55 to $1.59 for smaller lots.

Driers

The sole activity in the market was the movement of material on contract. Spot demand was practically nil for stearates, palmitates and other materials in this division of the raw paint field. All prices were firm and unchanged at the quoted levels.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Naval Stores

The prevailing tone in Southern markets for naval stores was steady last week and general conditions remained much the same as noted in the previous period. Price movements were generally narrow. Daily offerings of rosin and turpentine in the Savannah and Jacksonville markets were light, while in the case of dark rosins scarcity continued to be noted in the absence of any increase in the proportion of such descriptions in the receipts. Weather conditions were generally favorable for operations in the woods, temperatures being high with ample moisture. In such circumstances the movement of supplies from the interior to the seaboard held up well although the arrivals were not sufficiently large to bring about any revision of ideas as to the probable production for the season, the indications still pointing to a substantial curtailment as compared with last season.

Quiet conditions prevailed in primary centers so far as new business was concerned. A somewhat better export inquiry for some grades of rosin was received from the Far East, but new domestic purchases were still along very conservative lines as usual at this period of the year. The movement of supplies to consumers in some fields on contracts previously placed held up well, however, this apparently applying to both rosin and turpentine. Consumption by makers of paints and varnishes is said to be considerably larger than at this time last season and in the opinion of some the indications still point to a considerable increase in consumption in this field as compared with estimates existing earlier in the naval stores year.

Turpentine.—The local market had a steady tone last week. Business was rather slow much of the time. In some quarters a fair inquiry was noted for small lots, the movement of such quantities being unimportant in the aggregate. New business in Southern markets was reported as quiet although a fairly steady movement into consuming channels on unfilled contracts was noted.

SAVANNAH, Aug. 18.—The turpentine market had a steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	23½	121	205	135	27,730
Tuesday	23½	22	384	177	27,937
Wednesday	23½	38	249	16	28,170
Thursday	23½	81	226	66	28,330
Friday	23½	19	145	50	28,425

* No trading.

JACKSONVILLE, Aug. 18.—The turpentine market was quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	23¾	...	273	...	54,267
Tuesday	23¾	...	144	2	54,409
Wednesday	23¾	...	185	576	54,018
Thursday	23¾	...	133	...	54,151
Friday	23¾	...	196	54	53,407

* No trading.

PENSACOLA, Aug. 12.—Turpentine receipts were moderate. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	84	246	22,783
Tuesday	120	173	22,800
Wednesday	19	2	22,817
Thursday	54	...	22,871
Friday	42	...	22,913
Saturday	32	...	22,945

CHICAGO, Aug. 18.—Turpentine business is slow. Prices are steady. Ruling prices are:—Five-drum lots, 32c. per gallon; five wood barrels, 37c.; single drums, 35c.; single barrels, 40c.

LONDON, Aug. 18.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	32	9
Monday	32	9
Tuesday	32	9
Wednesday	32	9
Thursday	32	9
Friday	32	9

Stocks of American turpentine in London were:—

	Aug. 18.	Previous week.	Last year.
Barrels	18,706	18,043	27,780

Rosin.—Changes in rosin prices in the local market were narrow last week, the prevailing tone here being steady in company with primary centers where offerings continued light throughout the week. Purchasing here was generally limited to comparatively small quantities, the movement of such lots being fair.

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SAVANNAH, Aug. 18.—Rosin was fairly active. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.90	$3.90	$3.90	$3.90	$3.90
D	...	3.90	3.90	3.90	3.90	3.90
E	...	4.10	4.10	4.10	4.05	4.00
F	...	4.45	4.40	4.40	4.40	4.25
G	...	4.70	4.65	4.65	4.65	4.65
H	...	5.05	5.05	5.02½	4.95	4.95
I	...	5.05	5.05	5.02½	4.95	4.95
K	...	5.05	5.05	5.02½	4.97½	4.95
M	...	5.10	5.10	5.07½	4.97½	4.95
N	...	5.25	5.25	5.25	5.15	5.10
WG	...	5.70	5.70	5.70	5.60	5.60
WW	...	6.10	6.10	6.10	6.10	6.10
X	...	6.10	6.10	6.10	6.10	6.10
		Barrels				
Sales	...	249	478	304	239	65
Receipts	...	815	815	883	544	503
Shipments	...	460	88	4,999	150	1,953
Stocks:—						
	...	295,852	296,579	292,463	292,857	291,407

* No trading.

JACKSONVILLE, Aug. 18.—The rosin market had a firm undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.35	$3.35	$3.35	$3.35	$3.35
D	...	3.85	3.85	3.85	3.85	3.85
E	...	4.10	4.10	4.10	4.10	4.10
F	...	4.45	4.40	4.40	4.40	4.40
G	...	4.70	4.65	4.60	4.60	4.60
H	...	5.05	5.02½	4.95	4.95	4.95
I	...	5.05	5.02½	4.95	4.95	4.95
K	...	5.05	5.02½	5.00	4.97½	4.97½
M	...	5.10	5.02½	5.00	5.00	5.00
N	...	5.25	5.20	5.15	5.10	5.00
WG	...	5.70	5.70	5.60	5.55	5.55
WW	...	6.20	6.20	6.20	6.20	6.20
X	...	6.20	6.20	6.20	6.20	6.20
		Barrels				
Sales	...	160	236	204	68	...
Receipts	...	847	799	707	593	1,373
Shipments	...	605	138	642	...	387
Stocks:—						
	...	315,998	316,659	316,724	317,317	318,306

* No trading.

PENSACOLA, Aug. 12.—Rosin was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	256	642	127	191	231	104
Shipments	1	68	...	101	306	250
Stocks	65,194	65,768	65,895	65,885	65,910	65,764

CHICAGO, Aug. 18.—Rosin market conditions remain rather quiet, with no important change noted. Ruling prices at the close of business last night were:—B grade, $6.80 per lot of 280 pounds; G grade, $7.80; M grade, $8.15; W.W., $9.20.

LONDON, Aug. 18.—Quotations on American rosin were as follows:—

	Per cwt. in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	15	3	18	6
Monday	15	3	18	6
Tuesday	15	3	18	6
Wednesday	15	3	18	6
Thursday	15	3	18	6
Friday	15	3	18	6

Pine Oil.—A steady tone continued to prevail in the market here. Business lacked snap but there was a fair movement of moderate quantities into local and outside consuming channels.

Pitch.—Quotations were generally stationary. Consumers were disposed to adhere to a conservative course in making purchases, the request for small or moderate lots being fair.

Rosin Oil.—There was nothing stimulating in the way of market developments in primary markets for basic material, and local business in rosin oil continued along rather narrow lines.

Tar.—The local market had a steady tone, and general conditions remained about as noted in the previous week, with business on a fair scale.

Shellac

Developments in the market for shellac were inconsequential last week. Cables from London and Calcutta showed that to a late hour in the week, prices at both points lacked

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change completely. The degree of stability of values in foreign markets was pronounced and there seemed nothing in the immediate offing to effect a change in that aspect of foreign affairs. Of course, should the present tension in Europe eventuate in a war involving the major powers—and Europe seemed close to war last week—the stabilized position of shellac on the world markets might be quickly upset and a rising market would appear to be inevitable in that event. In the meanwhile, the spot market remained quiet and activity was about equal to the conservative demand prevalent for some time.

Calcutta, Aug 18.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound—August 18.	August 11.
August	9c.	9c.

Day-to-day quotations were as follows:—

	Per pound.
August 11	9c.
*August 12	...
August 14	9c.
August 15	9c.
August 16	9c.
August 17	9c.
August 18	9c.

* No cables.

London, Aug. 18.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	August 18— Shillings. Cwt.	Cents. lb.	August 11— Shillings. Cwt.	Cents. lb.
October	34½	7.52	34½	7.52
December	35½	7.74	35½	7.74

Day-to-day closing prices were as follows:—

	Per hundredweight— October.	December.
August 11	34s 6d	35s 6d
*August 12	... ..	... ..
August 14	34s 6d	35s 6d
August 15	34s 6d	35s 6d
August 16	34s 6d	35s 6d
August 17	34s 6d	35s 6d
August 18	34s 6d	35s 6d

* No cables.

Lacquer Materials

Transactions in the market for lacquer materials and solvents continued steady last week. While commitments were usually limited to moderate quantities, a number of consumers made their appearance consistently for necessary replacements. The market lacked any price changes, and the tone of the market was steady to firm. While business from the automotive industry is showing some improvement, it will be a few more weeks before full effects of new model production will be felt. Acetone remained firm, and exports for the first half of the year were double the same time a year ago.

Acetone.—A steady movement was reported in the market again last week. Quotations for the drums and tanks were unchanged and the tone of the market remained firm. Exports of acetone during the first half of 1939 amounted to 8,159,890 pounds, valued at $490,730, compared with 3,988,848 pounds in the corresponding period a year ago.

Butyl, Alcohol.—Moderate quantities were taken by principal consumers last week, although business failed to expand materially. Quotations for the normal and secondary material were unchanged.

Cellulose Acetate.—A steady to firm price tone ruled in the market. Business continued along comparatively satisfactory lines. June exports of cellulose acetate sheets, rods and tubes totaled 86,086 pounds, valued at $40,406.

Dibutyl Phthalate.—A routine call was experienced in this direction for plasticizing purposes during the past week. Sellers were adhering to quotations in force previously.

Isopropyl Acetate.—Quotations were unchanged, and a steady price tone characterized the trading. Business was moderately active.

Pyroxylin Scrap.—No new developments of consequence entered the market, sellers reported a fairly steady buying interest, and prices were without change. June exports of sheets, rods and tubes, totaled 24,091 pounds, valued at $25,839, of which 15,837 pounds went to Canada.

Glues and Binders

Casein.—With production and supplies both at low levels and demand still good, domestic prices were advanced ½c. last week. The 20-30 mesh material was quoted at 12c. to 12½c. per pound in car lots; 13½c. to 14c. per pound for five tons or more; and 15¼c. to 15½c. per pound for smaller lots. The 80-100 mesh was offered at 12½c. to 13c. per pound for car lots; 14c. to 14½c. per pound for five tons; and 15¼c. to 15½c. per pound for smaller lots.

Glues.—The market had shown no change since last reviewed. Demand was routine for this time of year and prices were firm and unchanged.

Wallace Against Export Subsidies on Oils, Fats

—Continued from page 3

cost 5⅝ cents per pound to the domestic manufacturer, while crude cottonseed oil is selling in the Southwest at 4⅜ cents per pound. Normally, cottonseed oil commands a premium of ½ cent to 1 cent per pound over the price of the tax-paid coconut oil in the United States. Foreign cottonseed oil, of which this country imported 74,000,000 pounds in 1938-39, would now cost about 7 cents per pound to the domestic manufacturer. Under such circumstances it is obvious that domestic fats and oils will be preferred to foreign oils.

On the other hand, Secretary Wallace said that due to reduction of foreign duties on lard through the reciprocal trade agreements, lard exports are expected to show a material increase again this fiscal year. The exportation of soybeans may also increase materially this year since prices of American beans are lower than those reported for Manchurian beans, he added.

The production of lard will be larger this year than in any year since 1934, Secretary Wallace pointed out, but it will still be below the average production for the decade of the 1920's, he added. Increases also are expected he said, in the production of soybean oil and of peanut oil. On the other hand, he said the cotton crop is likely to be the smallest since 1935. The prospective decrease in the production of cottonseed oil he believed would offset to a considerable extent increases in the production of lard and in the production of soybean oil. He estimated that the combined domestic production of lard, cottonseed oil, soybean oil, and peanut oil would not likely exceed that of either of the past two years by more than 100,000,000 to 150,000,000. In view of present prices, he said there was no reason to anticipate any material increase in the production of other fats and oils, such as whale oil, fish oil, tallow and grease.

Secretary Wallace said he did not feel that an export subsidy program on lard or other fats and oils is warranted. He said other proposals for dealing with the conditions brought about by comparatively low prices for lard, cottonseed oil and other fats and oils were still under consideration. Among those proposals are:—

Domestic diversion of some of the surplus fats and oils from edible channels to the soap trade.

The purchase of lard and possibly other pork products for distribution to the needy. This program, if it becomes necessary to undertake it, probably will begin some time late this fall.

Additional increases in exports of lard and soybeans through the underwriting of sound credit transactions. Such a program would be undertaken by the Export-Import Bank and its possibilities are being discussed with bank officials.

Lard and cottonseed oil shortening will shortly be made available through the stamp plan to those receiving public assistance. Late this fall consideration will be given to including other pork products in the stamp plan.

Oils, Fats, and Waxes

Sales of Tallow at a Further Decline—Moderate Rally in Lard and Cottonseed Oil Futures—Refined Fish Oils Lower—Coconut Again Shaded—Oiticica and Perilla Firm

Quotations on miscellaneous oils, fats and greases had a downward trend last week, various technical and edible products being available at concessions. Business was generally reported as quiet. Cottonseed oil and lard futures rallied moderately, but the upturn in these commodities was apparently regarded by many as due more to speculative conditions than to any improvement in the underlying situation.

Chinawood, oiticica and perilla oils remained firm with the offerings still light. Edible cottonseed oil was reduced by refiners. Crude coconut oil continued quiet and the market remained easy, quotations again being shaded. Crude corn oil was easier with competing products, but offerings continued light.

Tallow again weakened, sales being reported at a further decline. Greases were also available at concessions. Cash lard was irregular in company with futures in the West where the market displayed a rallying tendency at times. Lard compound was lower. Quotations on lard, neatsfoot, oleo and tallow oils were reduced. Refined fish oils were lowered by local sellers.

Opposition to the proposed plan to place an export subsidy on lard or other fats and oils was reported in an official statement from Washington.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Babassu oil, ¼c. per lb.
Coconut oil, crude, ¼c. per lb.
Copra, 1/20c. per lb.
Corn oil, ¼c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Cottonseed oil, edible, ½c. per lb.
Grease, ¼c. per lb.
Lard, Western, 5c. to 10c. per 100 lbs.
Lard compound, 50c. per 100 lbs.
Lard oil, ¼c. to ½c. per lb.
Linseed oil, carlots, 1/10c. to 3/10c. per lb.
Menhaden oil, refined, 3-10c. per lb.
Neatsfoot oil, ¼c. per lb.
Oleo oil, ½c. per lb.
Olive oil, denatured, 1c. per gal.
Peanut oil, ¼c. per lb.
Sardine oil, crude, 1c. per gal.
Sardine oil, refined, 3-10c. per lb.
Stearin, oleo, ¼c. per lb.
Tallow, ¼c. per lb.
Tallow oil, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:

Last week.	Prev. week.	Last month.	Last year.
95.2	97.4	98.8	105.2

Market news that may have developed after this report was sent to press will be found on page 4.

Chinawood Oil

The local market for chinawood oil continued firm and general conditions here and abroad remained about as noted in the previous week. Far Eastern quotations were firm with offerings still reported as very limited and at prices above a parity with those prevailing here. Offerings from local selling sources also continued to be reported as comparatively small. There were reports current at times to the effect that consumers were manifesting more interest in the situation here. Quotations were generally stationary during the week.

San Francisco, Aug. 15.—Chinawood oil continues strong. Quoted on the basis of 21½c. to 22c. per pound in tankcars, f.o.b. Pacific Coast ports for prompt or future delivery out of spot stocks or for shipment from the Orient. Business has been running very fair.

Washington, Aug. 18.—The price of tung oil at Hong Kong dropped to 18 cents a pound during July, as compared with 20 cents per pound asked during the previous month, according to radiogram advices to the Chemical Division of the Department of Commerce. July 25 Hong Kong dealers were demanding H.K. $91.75 (U.S. $26.09) per picul of 133 1/3 pounds of tung oil in bulk and were withholding sales because of low stocks, estimated at 300 tons.

It is reported that tung oil owned by the Chinese government is being shipped into Hong Kong at the rate of 2,000 tons a month; this quantity is an improvement over imports during the past few months and is made possible by improved transportation facilities. Stocks totaling 40,000 tons are believed awaiting shipment in Szechwan Province.

Exports of tung oil from Hong Kong during June totaled 5,743,897 pounds, valued at U.S. $953,105. Of this amount, 3,684,945 pounds, valued at U.S. $633,925, was shipped to the United States and 2,058,952 pounds, valued at U.S. $319,180, was consigned to Europe. The European buyers were Germany, Soviet Russia, Denmark, Sweden, Italy, and Netherlands.

At Hankow the tung oil market continued inactive. There were no arrivals of oil from up-country, and the only known sales were made to the Japanese, totaling 134 short tons valued at 71 Chinese dollars per picul. Stocks on hand at the end of the month were estimated to be 10,895 short tons.

Vegetable Oils

Coconut.—The local market for crude oil was easier, the tone being influenced by the downward trend of various other products and by the absence of any improvement in demand. Quotations were shaded ⅛c. Refined oil was steady at unchanged quotations, with the inquiry fair.

Corn.—Crude oil had an easier tone, this being a reflection of further declines in other commodities and the absence of any improvement in trade, consumers being inclined to hold off for further developments. There were reports of offerings at concessions of ⅛c.

Cottonseed.—Edible oil was easier, quotations being reduced ½c. Business lacked snap, but there were reports of a somewhat better inquiry for moderate quantities. Imported semi-refined oil was nominal.

Oiticica.—A good inquiry was noted and according to some reports, transactions for the week would have been larger than they were, but for inadequate supplies, holding of spot oil apparently being light. The market was firm at the recent advance.

Olive.—Business lacked snap, but there was a fair inquiry for moderate lots of foots and denatured oil. Quotations on the latter were shaded slightly, while foots were generally held at previous levels.

Peanut.—Crude oil was quiet with the tone in some cases easy. Offerings continued light, however, and quotations were generally nominal.

Perilla.—The market for spot oil retained a firm tone, further sales being reported at 12c. per pound in tankcars. There was a fair inquiry. Offerings continued to be reported as light. Recent offerings from Rotterdam at a shade under the prevailing price were not sold and did not reappear in the market last week. Later in the period some sellers were asking 12.2c. for spot oil in tanks.

Soybean.—A better inquiry was noted at times, buying interest apparently being stimulated by recent reductions in prices. The market appeared to be steady, quotations on prompt shipment oil generally being held at previous levels.

Markets at Other Centers

San Francisco, Aug. 15.—Edible products in the general crude and refined vegetable oils roster are on the sick list, while in paint and varnish materials the situation is holding in strong fashion with trade and inquiry running in very fair volume.

Ruling prices are:—

COCONUT—Quoted on the basis of 2½c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for prompt or future shipment, with some sellers naming 2⅝c. The market has been easy.

COPRA—Copra was a fraction easier during the week, when supplies were put on offer here at 1.60c. per pound, c.i.f. for early shipment out of the Philippines, but crushers on the Coast felt that with the weakened position of coconut oil the best they could do would be to trade dollars at that figure, or even take losses. Interest is slight therefore and the market is generally dull.

OITICICA—Strong. Raw, liquid oiticica oil, laboratory controlled, uniform quality, standard specification, quoted on the basis

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Refined
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SPOT Woolworth Building New York, N. Y. FUTURE

VEGETABLE OILS
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of 16½c. per pound in drums and/or tankcars, f.o.b. San Francisco for spot stocks or future delivery from Brazil. Other grades nominal at 16c. per pound for liquid and 15c. per pound for solid oil.

COTTONSEED—Weak. Domestic bleachable cottonseed oil is quoted on the basis of 5½c. per pound in tankcars, f.o.b. Pacific Coast mills. Foreign oil is not offered on a future shipment basis.

PERILLA—Strong. Quoted on the basis of 11.8c. to 12c. per pound in tankcars, f.o.b. San Francisco for shipment from domestic-crushed stocks or for import from Japan.

RAPESEED — Refined and denatured rapeseed oil is quoted on the basis of 57⅛c. per pound in tankcars, nominally, f.o.b. Pacific Coast ports for shipment from spot stocks or from the Orient.

TEASEED—Free acid teaseed oil is quoted on the basis of 9¾c. per pound in drums or tankcars, f.o.b. San Francisco, for shipment out of the Orient.

Chicago, Aug. 18.—New low price levels for a long period have been recorded in various grades of vegetable oils here in the last few days. Trade has been slow.

COCONUT.—Coast basis, August-forward, 2½c. to 2¾c. per pound. Refined, edible oil, 8⅜c. to 8½c. per pound, barrels, car lots; and 9c. to 9¼c., barrels, less than car lots.

CORN.—Crude, low acid, 4⅞c. to 5⅛c. per pound, partly nominal. Refined, edible oil, 8¼c. to 8½c. per pound, barrels, car lots; and 8¾c. to 9c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, 23½c. per pound; August-forward, nominal.

PEANUT.—Crude, mills, August-forward, 5⅛c. to 5¼c. per pound.

SOYBEAN.—Crude, mills, August-September, 4c. to 4¼c. per pound; October-forward, 3¾c. to 4c.

The market for soybeans on the Chicago Board of Trade was quieter, traders being disinclined to add materially to their commitments on either side of the account. The cash inquiry was also slow. Offerings were light much of the time and changes in quotations were within comparatively narrow limits. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Aug. 18.	Closing Aug. 11.
October	$0.68⅞	$0.67½	$0.68¼	$0.68
December	.67	.65¾	.67	.66¾

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Linseed Oil

Flaxseed prices were irregular. Linseed oil lower. Cake and meal steady.

Flaxseed.—DULUTH, Aug. 18.—Considerable interest in flax supplies is shown just now by crusher interests and they are paying up to the limit for suitable quantity, but are rather choosy. Premiums added for dockage types are up over 15 percent. Supplies here total 7,000 bushels. No. 1 flax on track is getting 4 cents over Minneapolis September, and No. 1 to arrive, 3 cents over. Receipts are slightly more this year than last at this time. The new flax crop is extremely spotted.

The week's closing price range was as follows:—

	Cash.	Sept.
Saturday	$1.54	$1.50
Monday	1.54	1.50
Tuesday	1.51	1.48
Wednesday	1.49½	1.46
Thursday	1.49	1.45
Friday	1.52	1.48

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	37,613	8,538	.....	.....
Since Aug. 1...	37,613	13,750	21,750	.....

MINNEAPOLIS, Aug. 18.—Flaxseed receipts of the past week were liberal but showed quite a falling off compared with the preceding week. Demand for offers was keen from day to day and prices held firm compared with futures. All of the local crushers were in the market and there was some buying for shipment to out of town mills. Cash interests also were buyers.

Weather conditions slowed down the terminal movement. Rains in the northward extending harvest area checked operations and arrive sales were smaller. Hedging pressure also subsided and prices rallied sharply. In the past day or so weather improved and country pressure of arrive offers and hedges increased. Crushers are aggressive buyers of cash offers, most of which show good quality, and although the demand is sharp there is no tendency to advance premiums. Considerable of the flax is tendered on previous arrive contracts.

Stocks in local public elevators are increasing noticeably, gain in the past three days being 70,000 bushels compared with an increase of 5,000 bushels in the same period a year ago.

So far there has been no complaints regarding quality. Most of the seed has originated in southern Minnesota and some contains a liberal quantity of watergrass seed but in the main dockage is not heavy and seeds are quite plump. To date there has been no wet flax received on the market but some is expected next week because of the early resumption of harvest operations after recent rains.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.53	$1.50	$1.49½
Monday	1.53	1.50	1.49¼
Tuesday	1.50	1.47	1.46
Wednesday	1.48½	1.45½	1.45
Thursday	1.48	1.45	1.45
Friday	1.51	1.48	1.47½

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	922,800	300,500	94,800	39,790
Since Sept. 1...	4,206,200	4,014,930	835,950	425,882

WINNIPEG, Aug. 18.—Flaxseed futures were irregular with grain. Trading was quiet. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.28½	$1.29½	$1.26¼
Monday	1.27½	1.28½	1.26
Tuesday	1.26	1.27	1.24½
Wednesday	1.28¼	1.29¼	1.26⅛
Thursday	1.26¾	1.27¾	1.25⅝
Friday	1.26½	1.27½	1.23¾

BUENOS AIRES, Aug. 18.—Opening prices per bushel on August contracts were:—

	Last week.	Last year.
Saturday	$1.13⅛	$1.10⅛
Monday	1.13⅛	*
Tuesday	1.13⅛	1.09¾
Wednesday	1.13⅜	*
Thursday	1.13½	1.11⅞
Friday	1.13½	1.11⅞

* Holiday.

Exports

To—	Last week.	Previous week.	Last year.
United States	.....	417,000	50,000
United Kingdom	.....	.....	.....
Continent	354,000	476,000	315,000
Orders	.....	4,000	12,000
Others	20,000	118,000	177,000
Totals	374,000	1,015,000	563,000

Since January 1

To—	This year.	Last year.
United States	10,928,000	8,061,000
United Kingdom	548,000	1,106,000
Continent	18,033,000	16,625,000
Orders	6,952,000	6,790,000
Others	2,434,000	1,588,000
Totals	38,895,000	34,170,000

Visible Supply

	Bushels.
Last week	3,937,000
Previous week	4,724,000
Last year	4,724,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
United Kingdom	288,000	400,000	208,000
Continent	80,000	36,000	.....
Others	.....	112,000	.....
Totals	368,000	548,000	208,000

Since April 1—	This year.	Last year.
United Kingdom	4,960,000	5,564,000
Continent	376,000	388,000
Others	288,000	84,000
Totals	5,624,000	6,036,000

HULL, Aug. 18.—Quotations on flaxseed were:—

	La Plata.	Bombay.
Saturday	£11⅝	£13⅛
Monday	11⅝	13⅜
Tuesday	11⅝	13⅛
Wednesday	11¼	13
Thursday	11¼	13
Friday	11¼	13

Linseed Oil.—The market remained in an easy position last week as competition among sellers continued keen. Quotations were reduced to 7.8c. to 8.2c. per pound in tankcars, according to sellers. Early in the week business was reported to have been closed at 2 to 3 points under the minimum quoted price, but later on selling schedules in some cases were apparently more closely adhered to. Early in the period considerable business was reported to have been closed with paint and linoleum makers, but towards the close of the period quiet conditions prevailed. There was a steady movement to consumers and dealers on contracts previously placed.

Demand for cash seed in Northwestern markets was good and although receipts showed a further increase the offerings were readily absorbed by crushers and cash interests. Crop reports were in some cases rather less favorable than recently but bearish accounts continued to be received from most sections. The crop in Argentina was said to be in need of rain.

Receipts of flaxseed at New York last week were 20,159 bushels. Shipments from Argentina were small, no clearances being reported for this country.

MINNEAPOLIS, Aug. 18.—Linseed oil trade expanded sharply in the past week with larger buyers coming into the market for supplies to be shipped as late as next March. Tankcar and cooperage lot buyers continued active in covering nearer requirements so the market was the best in a long time. Interest today was strong and apparently the current level of prices is being considered reasonably close to low for the season.

Shipping instructions on old and maturing contracts are fair to good and crushing operations are increasing rapidly. One of the larger companies has its local mill in full operation and others are waiting to accumulate a larger stock of flax before starting in with a full force.

Quotations on carload lots, f.o.b. Minneapolis, tankcars, 8.1c. per pound, cooperage cars 8.7c. per pound, warehouse lots 9.1c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	1,680,000	1,024,781
Since Sept. 1	73,688,953	70,594,708

SAN FRANCISCO, Aug. 15.—Rather widespread coverage of their requirements was effected by a number of paint and linoleum manufacturers on the Pacific Coast last week when, in the San Francisco market, substantial quantities of linseed oil moved on a basis reported to have been 7.1c. per pound in tankcars. As expected, the Los Angeles competitive situation forced oil to 6.9c., it was reliably learned, a record low price for a number of years. Open quotations were reduced by one point late this afternoon. They are:—Tankcars, 7.4c. per pound; drum-lots, ex-mill, 8c.; drum lots, ex-warehouse, 8.4c.

CHICAGO, Aug. 18.—Linseed oil remains quiet. Ruling prices are:—Tankcar, 8.1c. per pound; car lots, 8.7c.; less than car lots, 9.1c.

LONDON, Aug. 18.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	24	9
Monday	24	9
Tuesday	24	9
Wednesday	24	6
Thursday	24	4½
Friday	24	4½

Cake and Meal.—The market had a steadier tone. Export trade in cake was quieter. Domestic demand for meal was limited to comparatively small quantities.

MINNEAPOLIS, Aug. 18.—The meal market of the week slowed down because crushers did not care to add further to contracts maturing between now and the end of the year at prices that prevail. The market is up considerably from the low point and some trade is passing from day to day but there is no important volume at the moment. Crushers have disposed of a fair proportion of their prospective output up to the end of the year and feel a bit more independent.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Shipping instructions are good and the out movement is heavy, even for this time of the year, far heavier than a year ago. Because of lush pasturage the small old crop reserve conserved by crushers for regular customers failed to move as freely as expected.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $27.50 to $28 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	3,960,000	1,487,510
Since Sept. 1	97,244,625	124,233,813

CHICAGO, Aug. 18.—Linseed meal quiet and easy. Ruling prices are:—Round lots, $29 per ton, largely nominal; car lots, $29 to $30; less than car lots, $31 to $32.

Cottonseed Oil

Refined cottonseed oil futures were irregular, a recovery following early weakness. Southern markets quiet.

Cottonseed Oil.—Refined oil futures were irregular last week, a recovery following fresh weakness early in the period when new low levels were established. Under renewed liquidation of long accounts by Southern and local interests prices dropped at one time to 5.20c. for October and 5.33c. for December. On the decline recent sellers covered and with purchases for a turn on the long side by local and trade interests a rally developed which carried December up to 5.70c. This price compared with 5.57c. at the close of the previous week. The upturn was checked by renewed long liquidation, but to some the long interest appeared to have been materially reduced and technical speculative conditions were regarded as healthier.

Switching from near to distant positions was active and constituted something of a feature of the operations at times. September was switched to October at 10 points difference, to December at 20 to 23 points, to January at 28 points and to March at 38 points. October was switched to December at 14 points difference and to March at 30 points. December was switched to January at 6 to 7 points difference.

A development of interest was the publication of the final monthly Census Bureau cottonseed report for the 1938-39 season. This showed that the consumption of refined oil during July was 242,837 barrels, and brought the total for the season ended with July up to 3,062,146 barrels against 4,266,233 barrels in the previous season. The visible supply showed a decrease during July of 189,000 barrels against a decrease in the same month in the previous season of 366,000 barrels. The visible supply at the close of the season was 1,651,600 barrels against 1,539,500 barrels in the previous year and 1,157,900 barrels two years ago.

Southern markets for crude oil were quiet and easy, quotations in some sections being shaded ⅛c. to ¼c. Lard compound was reduced ½c., and edible cottonseed oil was also lower. Sales of tallow were reported at a further decline and coconut and corn oils as well as various other oils and fats were shaded. Receipts of hogs in Western centers continued to run ahead of last year and with the weights still mounting. The weight of the hogs received in Chicago during the week ended August 12 averaged 295 pounds, against 290 pounds in the previous week and 282 pounds in the week before that. During the week ended June 3 the average weight of the hogs received in Chicago was only 251 pounds.

Stocks of lard in Chicago decreased 3,355,442 pounds during the first half of August, leaving a total of 83,276,450 pounds on August 15 against 77,060,882 pounds a year ago. The export movement of lard showed some increase. Clearances of that product from Atlantic and Gulf ports for all destinations from November 1 last to August 12 this year amounted to 152,323,343 pounds, an increase of 23,171,399 pounds over the same time last season.

The weekly government weather and crop was regarded by some as rather favorable in the main although unfavorable features were not lacking. In some local quarters there was a tendency to increase estimates of the cotton production, especially in the Southwest, where rains were said to have greatly benefitted the crop since the data for the recent government crop estimate was gathered, revised estimates of the yield in some instances being as high as 12,000,000 bales.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 14 to August 18, inclusive, comprised 1,077 contracts, a total of 64,620,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	5.76	5.40	5.73@5.76
March	5.88	5.50	5.85 sale
September	5.50	5.09	5.43 sale
October	5.57	5.20	5.55 sale
December	5.70	5.33	5.66@5.67
Crude, Southeast—.04¼c.	Nominal.		

Chicago, Aug. 18.—Buying interest in cottonseed oil is only fair. Good, off-Summer, yellow fig oil is 5½c. per pound. Refined, edible oil is 8¼c. to 8½c. per pound, barrels, car lots; and 8¾c. to 9c., barrels, less than car lots.

Hull. Aug. 18.—Quotations on cottonseed oil were:—

	Refined Per cwt. s. d.	Egyptian crude. Per cwt. s. d.
Saturday	19 0	16 6
Monday	19 0	16 6
Tuesday	19 0	16 6
Wednesday	19 0	16 6
Thursday	19 0	16 6
Friday	19 0	16 6

Cake and Meal.—Southern markets for spot material were generally quiet, buyers being disposed to hold off for further developments. With offerings light, the prevailing tone was steady.

Markets at Other Centers

Atlanta, Aug. 16.—The market for cottonseed products remains weak and quotations show little change. Prime crude oil is offered in the southeast at 4.25c. per pound, and meal is quoted at $22.50 per ton for 7 percent with very little buying interest.

Rains have followed a tropical storm that moved into the gulf and have provided more moisture than is needed by the cotton crop.

The bottom crop is being picked in the lower cotton belt. A top crop is in prospect as a result of rains, if the boll weevil does not take it. Elsewhere in the southeast, new growth of rather small plants is expected from rains with prospects of larger yields should subsequent weather be such as to retard the boll weevil.

Memphis, Aug. 18.—Crude cottonseed oil was quiet during the past week. Last sales reported were at 4¼c., Valley basis. Some scattered tanks are available at 4½c. Meal quiet at $21.50 per ton for prime 41 percent, Memphis basis, prompt shipment, and $20.50 for October-November-berber shipment. Bulk cake $19 per ton for prompt shipment, and $17.50 for fall shipment. Gins will not start up in this section before the end of next week. Cotton crop somewhat late.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	August 10.	August 17.
September	$19.25@19.50	$20.00@—
October	19.25@19.50	19.85@20..15
December	19.30@19.40	19.85@19.95
January	19.25@19.50	19.85@20.00

Fatty Acids

Capric Acid.—The local situation continued to be featured by a steady tone and a fair inquiry, although consumers were not inclined to purchase in advance of current requirements.

Castor Oil.—No broadening of business was noted in this fatty acid. There was a fair inquiry for moderate lots, however, for prompt shipment to makers of cosmetics and synthetic rosins.

Coconut Oil.—A steady tone continued to prevail in the market for this fatty acid. As in recent preceding weeks, makers of soaps and shampoos were calling for moderate lots.

Myristic Acid.—Makers of soaps and cosmetics were not inclined to anticipate, but there was a fair movement of moderate lots. The market remained steady.

Stearic Acid. — Business continued along conservative lines, the movement of moderate lots being fair. With basic material lower, the market for stearic acid apparently had an easy tone.

Markets at Other Centers

Chicago, Aug. 18.—Fatty acids are quiet and rather easy in tone.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8c. to 8½c. per pound, tankcar; 8½c. to 9c., barrels, car lots; 9c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7c. to 7¼c. per pound, tankcar; 7½c. to 7¾c., barrels, car lots; 8c. to 8¼c., barrels, less than car lots, settled cottonseed soap stock, 60-62 percent basis, 2⅝c. to 2¾c.; boiled down soap stock, 65 percent basis, 3⅜c. to 3¾c.; cottonseed foots, 50 percent basis, 1⅛c. to 1⅜c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Fish Oils

Menhaden.—The market for refined oil had an easier tone, this being a reflection of recent developments in other commodities and the absence of any improvement in trade, purchasing generally being limited to comparatively small or moderate quantities to fill the current needs of consumers. Quotations were reduced three points. Crude oil was quiet and nominal.

Sardine.—Local quotations on refined oil were reduced 3-10c. per pound. Consumers were not disposed to anticipate, but there was a fair inquiry for moderate lots for prompt shipment.

Sperm.—The market retained a steady tone, quotations being maintained at former levels. Business was fairly active.

Markets at Other Centers

Baltimore, Aug. 16.—As far as any information received here goes, there have been no further sales of menhaden oil, with the ideas of both the sellers and the buyers left in doubt. As is known, the last offer of the buyers was down to 24c. a gallon, and reports are that even this figure has been revised downward. The sellers, for their part, have other views and while not actually quoted, are said to balk at taking 24c. Meanwhile, the fishing, down the lower Chesapeake Bay and outside of the Virginia capes, while better than it was, still runs below what is called normal, so that no sharp increase in the production of oil is to be looked for; which, according to the producers, is all the more reason why they object to taking 24c. per gallon. They say they have sold enough oil on a when-and-if-made basis to wait and see what the future may bring forth, and add that they are certainly not under any pressure to take on additional commitments at the figure named.

SAN FRANCISCO, Aug. 15.—Fear that California sardine oil production may be so light this season as to make for a serious shortage was justified last week when the market broke sharply in Oregon and Washington pilchard oil, undermining the California situation where reduction plant operators are locked in a labor disagreement with fishing boat interests and plant help. Sales of a substantial block of Oregon and/or Washington oil at 21c. per gallon had its effect on the California market, where plant owners have been trying unsuccessfully for weeks to get labor agreements through in order that they may start the production season, legally opened here on August 1.

The impossibility of paying the $11 per ton rate the fishermen are asking in California was seen when oil touched the 21c. price in the northwest and the feeling among producers of oil here was that they must of necessity now withdraw the $10 per ton on raw fish which they had been offering the fleet operators. The consensus was that probably no more than an $8 figure could be put out by the producers at the present market price for oil.

Meanwhile, California oil has already reacted partially to the Oregon and Washington situation. After sales early in the period at 23c., which followed previous northwest transactions at the same level, California oil was put out at 22½c., with apparently no takers. With 21c. northern oil, a handful of California tanks were then offered at 22c., but no business has resulted.

The conundrum is that northern producers, paying $11 per ton fish rate on contract with the fleet operators can sell oil at 21c., well known figures in the trade here point out. They further state that unless the oil yield goes even higher than it is at present, which is roughly 40 gallons to the ton the producers simply can't make ends meet. Either that, or a rise in the fish meal market must take place to save the operators from a bad series of bargains. When the $11 per ton rate was agreed upon, producers were anticipating a 28c. to 30c. market at least, it was pointed out here.

Viewing the California situation today in the most optimistic manner it was seen as probable that a great many plants will not open this season with 21c. or 22c. oil and an $11 or even a $10 per ton fish price. And the labor situation for the moment anyway is adamant. Coupled with this, every day's delay is lessening the potential yield of oil, and as previously pointed out, the season is already open, and permits have been issued for reduction by the Fish and Game Commission. Little, if any consolation can be had by the producers in the protection clause in their oil-sales contracts, which provides for delivery only on an if-and-when-produced basis.

—Continued on page 59

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Drugs, Fine Chemicals

Santonin Convention Sets Up World Sales Office in Stockholm —Quicksilver Lower Again—Codliver Oil Up Slightly—Corn Syrup Advanced—Beverage Acidifiers Move Well

Summer items, particularly those dependent on hot weather for best consumption, moved in excellent volume last week. Hot, humid temperatures prevailed, raising consumption of citric and tartaric acids in consuming plants and causing a steady flow of new orders to reach the producers. Tartar products generally were in firm position, reflecting production costs. Quicksilver was cheaper on small lots, the latter making the market in the absence of buyers in large quantities. Codliver oil was slightly higher, as also was corn syrup.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Codliver oil, $1 per bbl.
Corn syrup, 42 degree, 5c. per 100 lbs.
43 degree, 5c. per 100 lbs.
Santonin, $22 per kilo.

Reduced

Quicksilver, $1 per flask

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.6	182.5	182.7	183.0

Market news that may have developed after this report was sent to press will be found on page 4.

Russian, German and British santonin makers, operating as a convention, have setup in Stockholm, Sweden, an office to control international sales of santonin. The choice of Stockholm was said to be without political significance notwithstanding the extremely strained relations between some members of the convention. The effect on the market in this country was a $22 per kilo advance in price. In the meanwhile, the six months imports of santonin this year topped all previous six month records for the past decade.

Codliver oil at a slight advance gave evidence of the recent improvement in export prices abroad as well as suggesting a broader protection of Fall requirements in this country. Corn syrup at higher prices reflected the recent advance in raw material prices as the result of a decrease in the size of the coming crop.

Mercurials ruled steady and unchanged notwithstanding the several declines in quicksilver prices in recent weeks. The makers still have a fairly high average cost of metal. Manufacturers of items seasonal in the Fall and Winter months expected to have a good sized reserve at the beginning of the season of wider demand.

Acetanilide. — Although trade was routine, it was productive of a volume of orders that reacted favorably by contributing much support to the current price structure. Undertones were exceptionally steady at all times last week.

Acetophenetidin. — Current demand was not very lively but the more active season should begin in the not far distant future when manufacturing consumers seek stocks to cover their late Fall requirements. Prices were steady.

Acid, Citric. — Sweltering weather ruled throughout the East and other sections of the country were little better off. The result was a maintenance of beverage consumption at high levels which fact was reflected in the excellent movement of this acid to the makers of "coolers."

Acid, Tartaric.—This other acidifier used substantially by the makers of beverages received a demand stimulated by the hot, humid weather that settled like a pall over more or less all the country. The market was active and firm.

Alcohol.—Completely denatured material sold well under contract for later delivery. Specially denatured formulas moved in volume up to that current of late and the business was taken on the basis of fairly well maintained prices. Pure ethyl alcohol was in about normal demand at full prices.

Aloe. — Socotrine gum was slightly lower at 43c. to 45c. per pound. Curacao gum held firm as to price and remained strong in both the spot and primary markets. The outlook for the future did not include much hope of values working in favor of the manufacturing consumer.

Aloin.—The recent advance was well maintained, especially in view of the gain in demand, an improvement that was moderate but effective so far as the maintenance of a market clear of much competition. Raw material was still strong.

Ammonia Benzoate.—Movement was up to expectations and the market as a whole continued to show elements of real stability. Sellers reported an absence of much competition, practically all business being taken at full market schedules.

Bismuth Metal and Salts.—Full maintenance of price schedules was the rule and values were supported by a demand equal to that commonly encountered at this season of the year. Values seemed low enough to account for the absence of excessive competition.

Butyl Alcohol. — Spot prices continued easy and low. Demand was fair but hardly expansive. Competition was still acute. The Board of Trade of the United Kingdom has announced receipt of an application to exempt secondary butyl alcohol from key industry duty, according to a July 24 report of the American commercial attache at London.

Cadmium Metal. — The recent advance was anchored fast by the very good consuming demand prevalent during the past week and the excellent outlook for business once the general production of automotive units for 1940 gets underway.

Castor Oil.—Conditions changed very little. They consisted mainly of a fair sized demand that came to a market more or less competitive. On large business, prices seemed to be subject to confirmation since competition would be keen.

CHICAGO, Aug. 17.—Castor oil has been reported in fairly good call, with the price structure being quiet. Inquiry is fair. Ruling prices are:—No. 1, barrels, car lots, 9½c. per pound, barrels, less than car lots, 10¼c.; returnable drums, car lots, 8⅞c.; drums, less than car lots, 10c.; tanks, 8⅜c.; No. 3, barrels, car lots, 8⅝c.; barrels, less car lots, 8¾c.; returnable drums, car lots, 8⅜c.; drums, less than car lots, 9½c.; tanks, 7⅞c.

Corn Syrup. — Quotations were advanced 5c. per 100 pounds last week, making 42 degree syrup $2.97 per 100 pounds, and 43 degree, $3,02. The rise reflected strengthening of raw material prices following adverse crop developments.

Codliver Oil.—Quotations were advanced to $21 to $22 per barrel, evidence of the firmer and somewhat higher prices that have been paid of late in the foreign markets. Demand showed some tendency to broaden when distributors developed more interest in covering their Fall needs. Exports of cod-liver oil to the United States, from the ports of Hull and Grimsby, England, being about 80 percent of United Kingdom production, aggregated approximately 514,000 gallons, vauled at $409,000 during the first half of the current year, against 256,600 gallons, valued at $166,000 during the corresponding months of 1938, and 847,200 gallons valued at $481,000 in the corresponding months of the preceding year. Details regarding the trade are shown in the following table:

Medicinal Oil

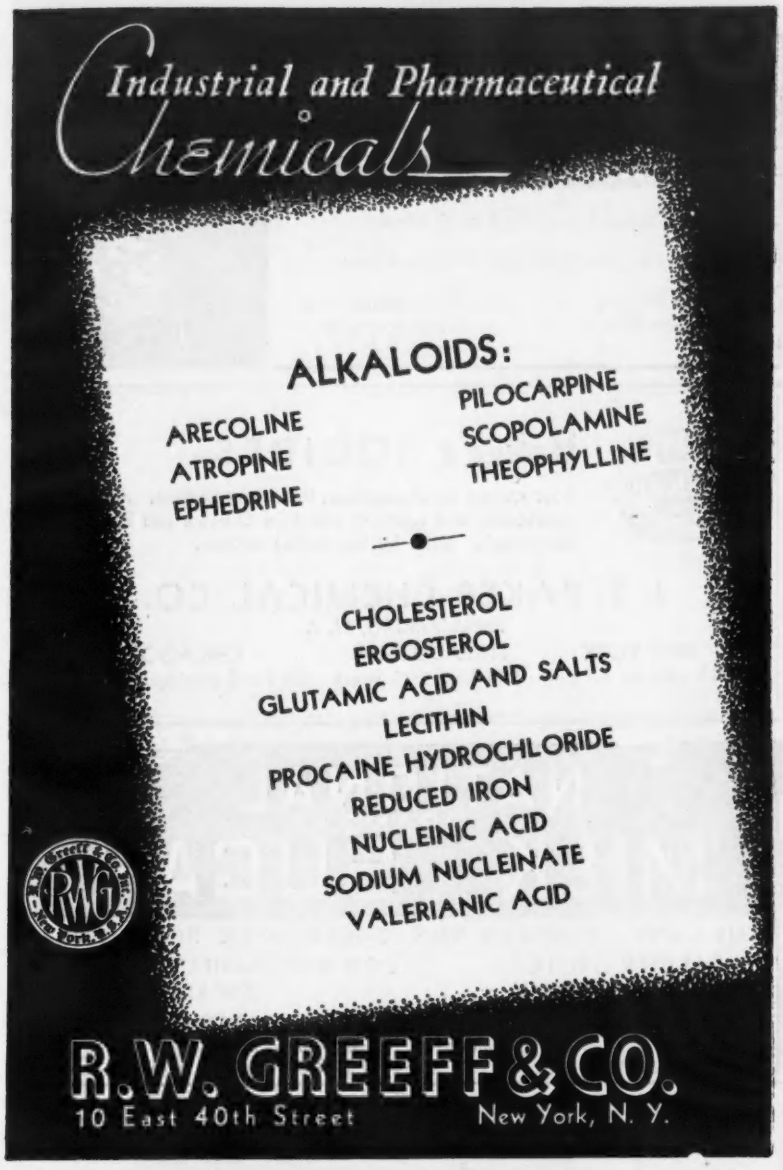
	Gallons		
	1939.	1938.	1937.
January-May	182,694	135,917	141,552
June	28,293	14,905	....
Totals, 6 months	210,987	150,822	141,552

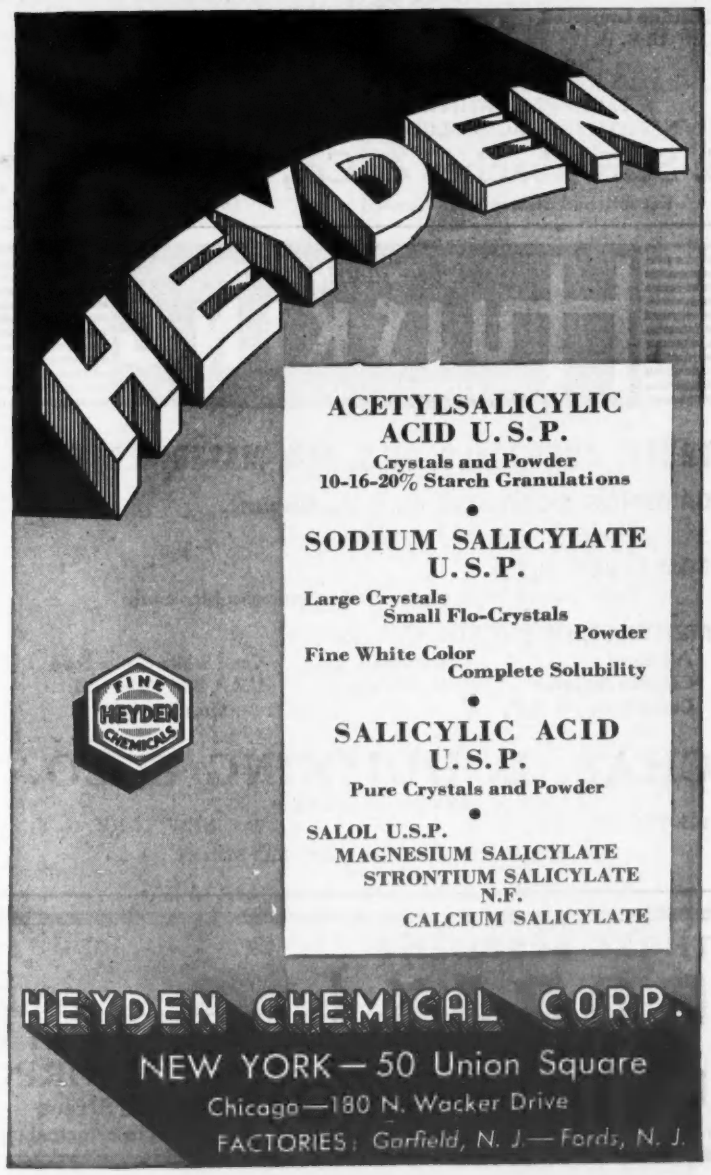
Poultry and Other Oil

	Gallons		
	1939.	1938.	1937.
January-May	223,883	105,800	694,500
June	79,018	....	11,130
Totals, 6 months	302,901	105,800	705,630

Glycerin.—Agents for the sale of crude glycerin declared last week that

Current prices on drugs and the fine chemicals are given in the alphabetical list of prices beginning on page 7





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there was absolutely no life in the market. Trade in the form of movement of goods was routine and absorption of offerings was usually on the basis of buyers' price views. Demand for refined glycerin was reported fairly good on the whole. The strained political situation that developed last midweek in European areas was without effect on glycerin values in any market.

CHICAGO, Aug. 17.—Although business in various grades of glycerin has been light, the decrease has been attributed to seasonal trends. From this time on, improvement in business is expected. The tone remains firm and the general situation seems quite steady. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12¼c.

Iodine and Iodides.—A normal Summer movement was noted in full support of prevailing price schedules. Both crude iodine and the group of iodides had a steady call, while the movement of tincture was close to being excellent.

Iron-Ammonia Citrate.—No further shifting of prices was reported and for the most part this item made a steady market in which demand equaled that normally received during this season of the year. Undertones were on the firm side.

Menthol.—Although the market continued to show some unsettlement, values lacked further change in favor of buyers notwithstanding the fact that demand remained light and usually was confined to coverage of jobbing needs.

Mercurials.—Producers of this group were said to be working on raw material showing a fairly high average cost. Certainly, they are not manufacturing from quicksilver at its current market price. Hence, mercurials remained steady under normal demand.

Milk Powder.—While in some measure the extreme conditions prevailing in the milk sheds have been relieved, they were still such as to constitute an element in the present firmer if not stronger prices for milk powder.

Quicksilver.—The market was weak when it came to buying small lots and the quotation of $82.50 per flask was understood to have been shaded, according to local reports. The range as to seller and quality was to $84.50. Prominent operators in this market declared that large buyers showed no interest and hence the current market was predicated mainly on the basis of jobbing transactions when it came to minimum prices.

SAN FRANCISCO, Aug. 15.—With apparently most of the larger eastern buyers covered in their requirements of quicksilver for the present, the market last week was mostly devoid of interest. Locally the price is in the neighborhood of $82.

Quinine.—The market was routine but also very steady. Demand reaching the spot last week was very good and volume was in line with seasonal activity. Prices were fully firm.

Santonin. — The market continued strong in fundamentals affecting prices, which were raised to $110 to $115 per kilo. Of much interest was the fact that a convention covering santonin sales exists in Europe, consisting of Russian, German and English interests who have set up a sales company at Stockholm, Sweden. According to foreign advices, the convention's opening price was $80 to $88 per kilo, according to quantity, ex Stockholm, which has since been raised. It is understood that the Stockholm company that has been setup will control world sales. Imports into the United States in the first half of this year totalled 2,410 pounds, being the largest amount imported into this country during any six month period in the past 10 years, and comparing with the total import of 771 pounds in all of 1938. Russia supplied 2,379 pounds; the United Kingdom, 22 pounds; and Canada 9 pounds. Annual imports since 1933 have been as follows:

	Pounds.
1939	2,410
1938	771
1937	2,012
1936	1,489
1935	1,118
1934	1,177
1933	1,834

Seidlitz Mixture. — Sales in some quarters were reported improved. The market as a whole displayed substantial firmness of undertones and prices were free from competitive influences principally for the reason that cost of production tended to eliminate shading of quotations.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	27⅛	35	17¾
Monday	27⅛	35⅜	17⅞
Tuesday	27⅛	35⅜	17⅞
Wednesday	27⅛	35¼	17⅞
Thursday	27⅛	35¼	17
Friday	27⅛	35⅜	17⅞

Soda Benzoate.—Consumption was excellent, gaining steadily in manufacturing plants whose operations rise to seasonal peak during the weeks immediately ahead. Prices ruled in firm position.

M. Martin, of U. S. Industrial Chemicals, Inc., this city, left last week for a two weeks' vacation in Maine.

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TRONA MURIATE OF POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

Trend of Progress In Cosmetics

—*Continued from page 5*

Miss Mary Andross (Glasgow) asked if Mr. Redgrove had done any work on the pH of the blood in connection with the purity of cosmetics? Marvellous results could be obtained in changing from an acid dye to an alkaline dye, but it would be interesting to know if any work had been done on the purity of cosmetics in relation to a change in the pH of the blood.

Continuing, she said it would be very useful if Mr. Redgrove could write an article on the suitable application of the lipstick. She came from a country where the ladies did not lay on the lipstick with a trowel; as a matter of fact, Scotland was just a little behind in this matter, and was only just beginning to use the lipstick. At the present moment one of her duties was to lecture to young women who were making use of the lipstick and whether it was that they did not know how to apply it, the fact was that what they were doing made them all look the same! She seemed to be looking at so many streaks of red, but did not think that that was the aim of the application of the lipstick. Surely it was not to destroy individuality, but rather to increase the good points and disguise the bad ones, and not to convert the girls' faces into so many streaks of red.

C. L. Claremont said it might be that shaving creams did not come under the heading of cosmetics; Mr. Redgrove had not mentioned that point, but there might be some interesting information which he could give on that subject.

Coconut Oil Base

R. B. Forster (Canada) remarked that the author had not said very much about the base of cosmetics. Coconut oil was not mentioned at all, but he believed that this was absorbed by the skin more readily than any other natural oil owing to its low molecular weight. Commenting on Dr. Cullen's remark that the world supplies of titanium oxide were small, he said he understood that monasite sand, of which there were large deposits in India, was originally exploited for the thorium content. At the same time, this sand contained a very large percentage of titanium oxide and he believed that Travancore was the main source of supply.

As to trade-names, mentioned by Mr. Davidson, his own view was that the law should be amended to compel manufacturers to put on the bottle the names of the ingredients of what was inside. The full analysis should be on the outside of the bottle and then the public would know what it was actually buying. There was also another habit in this country of saying that a certain preparation was not a secret one but a name was given which no chemist could interpret. He had a case in mind and had no idea of what the name meant. A friend of his engaged in the hairdressing trade a short time ago brought him a sample of a white powder sold as white henna. It was costing £3 per pound bought in bulk, and on analysis was found to contain 95 percent of magnesium carbonate and 5 percent of sodium carborum. This cost about 1 shilling per pound to make but was sold at £3 per pound which was certainly not playing the game.

The work on dyes of the type of paraphenylenediamine for hair dyeing, mentioned in the paper, was extremely interesting, but his advice to anybody who was thinking of using a hair dye was the advice which Mr. Punch gave to those about to marry, "Don't"; all hair dyes were toxic.

Dr. R. Bhattacharya remarked that in the East the natives used certain things inside their eyes. One was lampblack in oil and another was antimony sulphide, the latter being believed to have certain curative effects on the eyes. He would like to hear something about this.

H. J. Hodsman asked if there was any evidence that a long treatment of the skin with a so-called "skin food" had any deleterious effect?

(To be continued)

C.R. Walgreen, Jr., Succeeds Father as Company President

Chicago, Aug. 16, 1939

Charles R. Walgreen has been elected president of the Walgreen Company, operator of 500 drug stores throughout the country. Mr. Walgreen, thirty-three years of age, succeeds his father, founder of the company thirty years ago, who was named chairman of the board. Justin W. Dart, associated with the company for ten years in a management capacity, has been named general manager.

Casein Freights Reduced

Albany, Aug. 15, 1939

The New York Public Service Commission has approved new commodity freight rates of the following:—

Of the Delaware & Northern railroad on casein and glue stock, in bags or barrels, and milk, powdered, in bags or in bulk in barrels, less than carload or in straight or mixed carloads, minimum weight 36,000 pounds, between local stations, rates per net ton less than carload $2 and carload $1.20, reductions $1 and 80c., respectively. Effective August 27, 1939.

Asphalt Freights Modified

The Interstate Commerce Commission has granted authority for the establishment of freight rates on carload shipments of petroleum asphalt from Whiting, Ind., and Chicago, Ill., to points in Oklahoma, Texas, Louisiana, Arkansas, and Missouri, without observing the long-and-short-haul provisions of the fourth section of the interstate commerce act. The authority is similar to that previously existing as to rates on petroleum asphalt from Wood River, Ill., to the same destinations. Rates may be 6c. to 12c. per 100 pounds higher than the Wood River rates, depending on the destination territory, and higher rates may be maintained to intermediate points.

V. D. Anderson Company, manufacturer of expellers and steam traps has moved to its new office building at 1935 West Ninety-sixth street, Cleveland. The old office location, directly in back of the new building, is being utilized by the company for factory purposes.

Alcohol Handbook Completed

U. S. Industrial Chemicals, Inc., has just issued a completely revised edition of its handbook, "Industrial Alcohol." This new edition of a volume long recognized as a handy reference and guide by alcohol users, incorporates all the latest changes in the authorized completely and specially denatured formulas. An important addition in this revision is a complete record of the authorized uses of specially denatured alcohol.

Other divisions of the book are again devoted to up-to-date data on pure, C.D., and S.D. alcohols, and to the proprietary products "Solox" and "Super Pyro." A working summary of Federal regulations, the authorized composition, uses, physical properties, and other pertinent commercial information is to be found in these divisions. A special section of the volume also includes U.S.P. methods of testing, and tables on physical characteristics, and presents information on the gauging of tankcars and drums. A copy of the new manual may be obtained by addressing your request on a business letterhead to U. S. Industrial Chemicals, Inc., 60 East 42nd street, New York, mentioning the REPORTER.

Weights, Measures Conference To Be Held in Paris Oct. 4

OPD Washington Bureau
August 18, 1939

The Ninth General Conference on Weights and Measures will be held in Paris, France, October 4 to 11. President Roosevelt has approved the appointment of Daniel J. Reagan, commercial attache, in Paris, as a delegate on the part of the United States.

The International bureau of Weights and Measures, sponsor of the conference, is under the direction and supervision of the international committee of weights and measures. Most of the technical work of the international committee is performed by advisory committees, which include representatives of specified national standardizing laboratories, one of which is the National Bureau of Standards. Eugene C. Crittenden, assistant director of the National Bureau of Standards, participated in three advisory committee meetings which were held at Sevres in June and July of this year. The proceedings of the general conferences on weights and measures are ordinarily of a formal and diplomatic nature.

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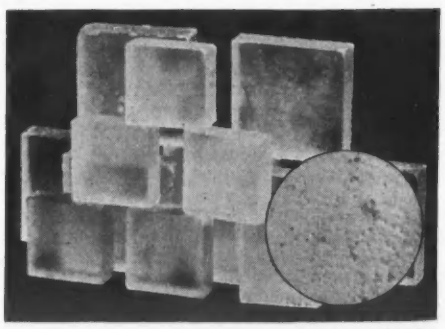

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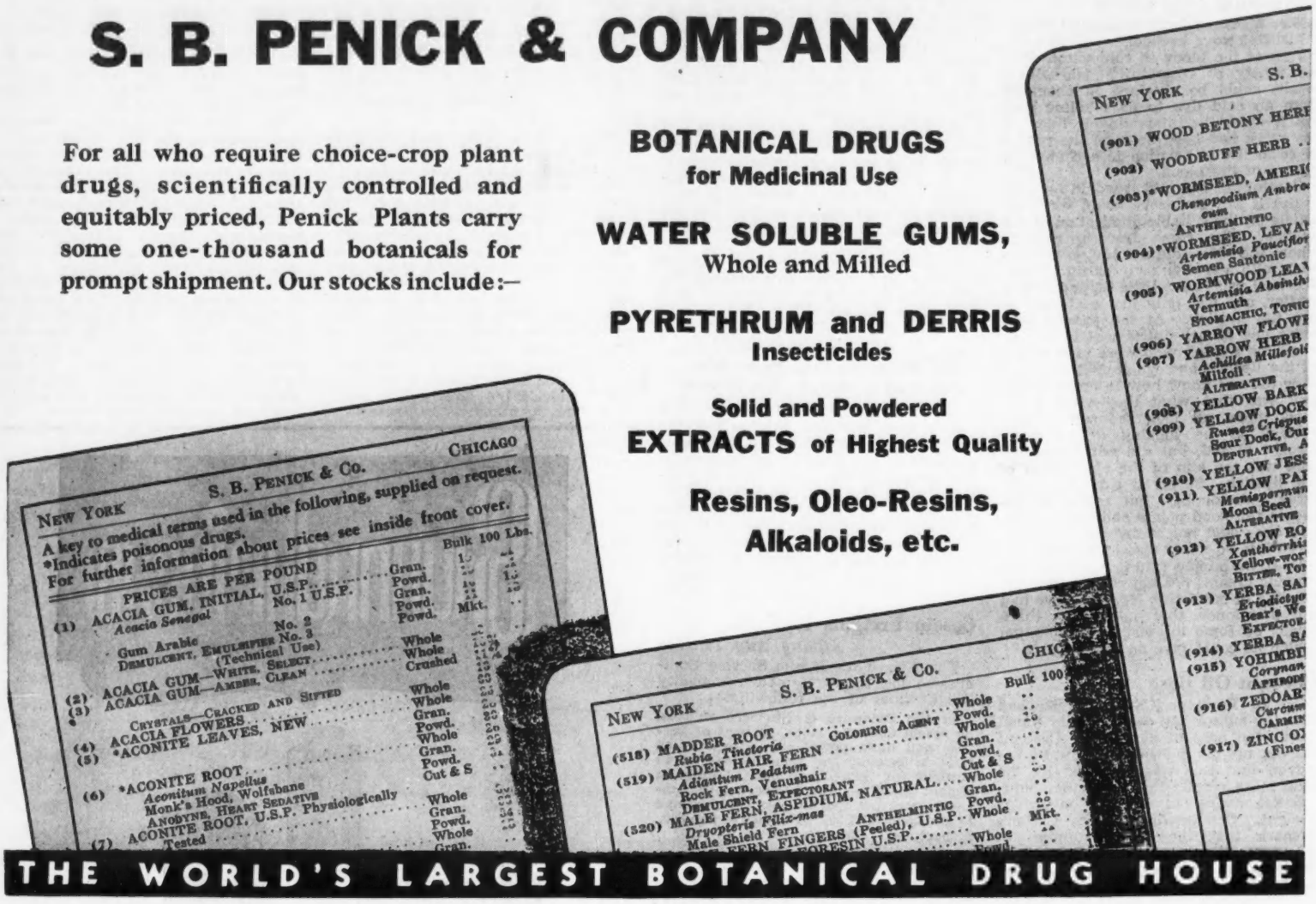

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Trade Briefs

Walgreen Company, Chicago, will open shortly its first drug store in Cleveland, on Euclid avenue near Thirteenth street.

R. L. Rathbun, manager of the linseed oil division of the Sherwin-Williams Company, Cleveland, Ohio, has been visiting in Minneapolis the past few days.

Sterling Products, Inc., pharmaceutical manufacturer, this city, common stock aggregating 30,000 shares was redistributed by the banking firm of Blyth & Co., this city, at $78.50 a share.

Pharmaceutical lines are desired by a visitor from Egypt who is expected to arrive in the United States during August. Full details regarding this visitor are available to accredited American firms at the Bureau of Foreign and Domestic Commerce, Washington, by referring to Foreign Visitor No. 855.

Alkyldimethylbenzyl-ammonium chloride, the Bureau of Customs has ruled, is subject to an import duty of 45 percent ad valorem and 7 cents per pound as a medicinal under paragraph 28 of the tariff act. The ruling will go into effect September 9. The material heretofore has been admitted at the lower rate of paragraph 27.

Frank C. Whitmore is chairman of a recently appointed committee of the American Chemical Society intended to study and report to the directors of the society on "proper qualifications for workers securing chemical data for the use of physicians in the diagnosis of disease." The other members of this clinical chemists committee are Gustavus J. Esselen and Robert A. Kehoe.

American Potash to Close Baltimore Office Sept. 1

Baltimore, Aug. 17, 1939

The American Potash & Chemical Corporation will close its Baltimore office September 1. E. M. Kolb, who has been manager of the Baltimore office, will be located after September 1, at the principal office of the company in 70 Pine street, New York.

Santonin Cartel Formed With Stockholm Offices

To the accompaniment of a $22 per kilo advance in spot prices for santonin, reports from Europe stated that Russian, British and German interests have set up a world sales office in Stockholm, Sweden. The controlling company is known as the Farmaceutisck A-B Santonin, with offices at Wahrendorffsgatan 6, Stockholm. How the new world sales setup will affect business in this country was not clear, since in the past Russia merchandised her santonin in the United States through a general sales company known as the Amtorg Trading Corporation. In competition with Amtorg has been the Santonin Company of America with offices in this city.

Quotations to the world were initiated on the basis of $80 United States currency, ex Stockholm, for not less than 15 kilos; not less than 5 kilos, $85; less than 5 kilos, $88. A short time after the above prices were announced the world price was advanced, but the actual schedule of Stockholm quotations has yet to come to hand.

The Stockholm company will be under the direction of Stockholm agents of British and German companies, acting in concert with a firm of Swedish lawyers, G. Gronberg, Advokatsbyro.

Botanical Drug Supply Discussed by W. B. Bell

Several members of the U.S.P. and N. F. revision committee, together with many pharmacognocists and heads of colleges of pharmacy from many parts of the country, attended the Plant Science Seminar, held August 14 to 17 at Blue Hill College, Blue Hill, N. C., situated about 15 miles outside of Asheville.

Problems connected with botanical drugs were discussed as a preliminary to the meeting of the American Pharmaceutical Association to begin August 21 at Atlanta, Ga.

Appearing on the program are William W. Bell, manager of the American crude drug division of S. B. Penick & Co., botanical drug importer and exporter, this city. Mr. Bell presented a colored motion picture film entitled, "America's Botanical Drug Supply," showing the production and preparation of botanical drugs and their products. Production was traced from firsthand gatherers through the different processes of baling, testing and the like. Those attending the presentation recommended that the Penick company make the film available for colleges of pharmacy throughout the country.

Following this presentation on August 14, Mr. Bell took those attending the seminar to the Asheville plant of his company where they witnessed a practical demonstration of the methods of preparation, drying and packing botanical drug merchandise.

Brass Yeast Reorganized

Reorganization of the Brass Yeast Corporation, Newark, N. J., under the Chandler act has been made, according to Charles P. Gulick, chairman of the board of the National Oil Products Corporation, Harrison, N. J., who has purchased the preferred and common stock of the company. New officers of the company are: Chairman, Mr. Gulick; president, Samuel Brass; secretary-treasurer, John N. Gulick.

American I. G. Gets Control Of Ozalid Corporation

The American I. G. Chemical Corporation, this city, has acquired 2,000 shares of the Ozalid Corporation, manufacturer of white print machines and products, this city. Through the recently acquired 2,000 shares, together with 452 shares already owned, the holdings of the American I. G. constituted a majority of the 3,000 shares of the outstanding stock of the Ozalid Corporation, the plant of which organization is located in Johnson City, N. Y.

Spices Freight Lower

Albany, Aug. 17, 1939

The New York Public Service Commission has approved new commodity freight rates of the New York Central (East) on spices, as described in tariff, carload, minimum weight 30,000 pounds, from New York and Brooklyn stations to Brockport 30c. per hundredweight, reduction 12c. Carload minimum weight increased from 24,000 to 30,000 pounds.

Railroads Modify Rules On Demurrage, Storage

—*Continued from page 5*

storage charges. The former rule permitted only four days. Another change permits a consignee of less-than-carload freight, who is located from 10 to 30 miles from the receiving freight station, ten days in which to claim the shipment instead of five days as permitted under the old rule.

Under the old rule, when an empty car was delivered to a shipper for loading or a loaded car was delivered to the receiver for unloading, the railroads allowed two days' free time for this work to be performed. If the work was not completed in that time, four days additional were allowed in which a regular demurrage rate of $2.20 a day was charged. Beginning on the seventh day, if the loading or unloading had not been completed, a penalty rate of $5.50 for each additional day the car was held was charged. The penalty rate has now been reduced from $5.50 to $3.30.

Another change makes provision for additional time allowance without charge when weather conditions delay the loading of a car.

In an effort to induce shippers to load freight cars more nearly to capacity, the existing rules also have been amended so as to allow seventy-two hours free time for the loading and unloading of freight cars containing twice or more than twice the minimum weight prescribed by tariff.

G. Musica Enters Guilty Plea

George Musica, also known as Robert Dietrich, brother of the late Philip Musica, alias F. Donald Coster, former president of the McKesson & Robbins, Inc., entered a plea of guilty to a fourteen count mail fraud indictment in the United States District Court August 15. The indictment alleges violation of the securities and exchange act of 1934 in connection with reports relating to the affairs of the company, which were filed with the New York Stock Exchange. He will testify for the government against codefendants.

Botanical Drugs, Spices, and Gums

Rising Tension in Europe Recalls Heavy Buying During Last Crisis —Rhubarb Lower on Spot—Stramonium Seed Scarce —Drought Cuts Domestic Millet Crop

Activity in the market for botanical drugs continued quiet last week. Most of the business done was of the jobbing variety and at the very best volume was conservative in size. However, for the most values showed a stability that was the more prominent because of the lack of substantial business. Prices showed considerable strength, especially in the medicinal botanicals originating in Europe.

It is quite possible that the firmness in foreign botanical prices may in some measure have been related to the rise of tension in Europe. Following notable, four party conferences between the German Reich Chancellor, the League of Nations high commissioner in Danzig, the German foreign minister, and the Italian foreign minister, German-Polish relations became strained as the Axis powers' propaganda machines played fortissimo the theme "Danzig and the Corridor to Germany or Else——."

Fear of a general European war again rose and that naturally turned thoughts of botanical buyers and sellers alike to the effect war would have on botanical supplies. At the last crisis, many manufacturing consumers entered the market and bought heavily of goods for later arrival, this for the purpose of laying in a reserve stock to be used when and if war comes. The buying made Spring business the largest in a number of years. Last week, business on that scale did not appear again, but the foreign development was considered a potential bullish factor on prices.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	...	960
Belladonna	...	220
Caraway	1,864	20,189
Cardamom (cases)	32	1,054
Celery	...	1,168
Coriander	195	8,942
Cumin	278	2,675
Digitalis leaves (cases)	...	...
Dill	...	893
Fennel	315	1,240
Henbane leaves (bales)	...	126
Mustard	...	14,404
Poppy	...	20,945
Sage leaves (bales)	...	1,237
Sesame	1,846	14,423
Stramonium	299	339
Thyme	40	944

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cassia, Batavia No. 1, ½c. per lb.
broken, ¾c. per lb.
Saigon, ¼c. per lb.
Clove, Madagascar, ¼c. per lb.
Laurel leaves, 1c. per lb.
Mustard seed, English yellow, ¼c. per lb.
Dutch yellow, ¼c. per lb.
Mace, Banda, 1c. per lb.
Batavia, 1c. per lb.
Siauw, 1c. per lb.
Poppy seed, Polish, ¼c. per lb.
Pepper, red, chillies, Japanses, ¼c. per lb.
Sunflower seed, California large, ¼c. per lb.
medium, ¼c. per lb.
Stramonium seed, 9c. per lb.

Reduced

Aloegum, Socotrine, 2c. per lb.
Coriander seed, ½c. per lb.
Fenugreek seed, ½c. per lb.
Pepper, black, Lampong, ½c. per lb.
white, Java Muntok, ½c. per lb.
Pichi leaves, 9c. per lb.
Rhubarb root, whole, 2c. per lb.
powdered, 2c. per lb.
Thyme, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.8	125.8	122.7

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba. — Importations in June totaled 20,336 pounds. The market last week was fairly quiet in most respects, consisting of a routine amount of jobbing request that in total compared favorable with the movement in recent weeks.

Fir.—Total imports in June were 320 pounds of Canadian balsam. Canadian and Oregon balsams remained steady in price but were not much sought for by consumers last week.

Peru.—The market changed very little from that of conservative activity in the recent past. June imports totaled 6,633 pounds.

Tolu.—Hand-to-mouth trade continued to make up the bulk of local activity at unchanged prices. June imports totaled 8,500 pounds.

Barks

Cinchona.—The total quantity of this article imported in the month of June was 209,896 pounds. The market continued to display very firm undertones with prices showing the effect of substantial strength, especially in the South American market.

Elm.—Prices were fully steady and most dealers did not expect them to be any lower during the season of light consumption. Stocks were said to create a fair sized reserve.

Orange Peel.—Some indications of a smaller than usual supply of sweet peel were noted last week and quotations were at least steadier and not subject to price shading tendencies among dealers.

Soap.—Values were on the firm side and movement compared well with the usual transfers of stock during the Summer months. June importations totaled 206,920 pounds.

Wild Cherry.—Prices being paid in the country forecast a firm spot market when normal expansion in sales shall develop when consumer activities expand, especially in the late Fall months.

Beans

St. Ignatius.—The market was inactive but steady. Prices held in line with replacement cost and were backed by what appeared to be a safe reserve of spot stocks.

Vanilla.—Demand was reported sufficient to assure full maintainence of spot quotations. Furthermore, absence of weakness abroad, plus the general European situation. were counted items to be productive of firm undertones and prices in the local market.

Berries

Hawthorn.—Absence of superior reserves in primary markets counted much in the maintainence of spot quotations. In addition, there was a reasonably good, if mostly jobbing, demand for spot deliveries.

Raspberries.—Quotations were not advanced further but they were distinctly on the firm side since there was no weakness in the primary market and very little tendency toward competitive selling out of local supplies.

Flowers

Arnica.—Indications of firm prices on new crop were not lacking abroad. Local quotations have held remarkably steady during the dullest season of the year, a period in which values usually assume lower levels.

Chamomile. — Values on both the Hungarian and Belgian flowers were well maintained at home and abroad. Also, demand for Hungarian flowers was still very good on the spot, giving prices added support. June importations of chamomile totaled 15,976 pounds.

Lavender. — During the month of June, 1,136 pounds of this article were imported and came on a market fully firm in all respects as the result of the very good business earlier in the year —business related to the manufacture of souvenirs for the World's Fair and San Francisco Fair.

Pyrethrum.—Though the season is getting along, demand was till very active and the situation surrounding values on the new crop in Japan certainly did not suggest more favorable prices in the very near future. Concentrates were exceptionally firm under the pressure of an excellent demand that made it possible for sellers to assume a position of reserve. June importations of whole flowers totaled 471,097 pounds; of pyrethrum advanced in value, normally pyrethrum powder, 128 pounds.

Saffron.—The local competition failed to press prices further in favor of consumers, but Spanish flowers were still in a competitive position on spot and hence price tendencies were out of line with those in the primary market.

Gums

Arabic.—The market lacked important activity but was still on the steady side in keeping with the maintenance of quiet but steady prices in the primary market. Local business had a routine aspect throughout the past week, consisting usually of prompt requirements only.

Asafetida.—The lessened competition has permitted maintenance of the slightly higher spot prices on powder, established not so long ago. However, so far as commerce and trade was concerned, conditions changed little from the recently routine situation. June imports totaled 20,440 pounds.

Mastic.—Reports direct from the primary market indicate that in the future the crop will be sold through a single marketing agency which will control stocks and prices completely. It is the result of growers establishing a co-operative association, possibly with the assistance of government much in the way the production and marketing of tragacanth has been done. June imports were 500 pounds.

Sandarac.—Latest information from the primary market makes the total of unsold stocks available for the next year at 15 to 20 tons. This would be a carry-over from previous crops since it has been confirmed that there will be none gathered this year. Abandonment of collection this year was caused by the fact that the gum last year sold as low as 10¾c. per pound, a price thoroughly discouraging and totally unprofitable to those who actually produce the gum. A crop of 150 tons is about average and at times it has reached as high as 225 tons. The last time there was a shortage in stocks the gum sold as high as 65c. per pound on this market. All sellers were consequently reserved last week and look for continued rise in prices.

Herbs and Leaves

Buchu.—The market continued steady in undertone and price but immediate delivery demand from consumers was not active. June importations totaled 37,968 pounds.

Digitalis.—Official records of the Department of Commerce disclose the importation of 50 pounds of this material in June. Because of quality standards inforced on foreign goods, manufacturing consumers of this material fill their requirements from domestic production.

Henbane.—Not much inquiry and but limited sale governed the situation in this material. However, lack of a more active movement failed to produce adverse price developments locally. June importations totaled 495 pounds.

Patchouli.—Primary market prices were reported stronger to firmer and on the spot values were very well maintained. June importations totaled 19,324 pounds.

Senna.—Arrival of further quantities of new crop T. V. leaves was expected shortly. However, it was not clear that the present undersupply of No. 1 grade would be substantially relieved, most of the goods due were No. 2 or No. 3. June imports totaled 77,827 pounds.

Stramonium. — The recently easier and slightly lower spot market was possibly the result of the arrival in June of 96,744 pounds of this item. A large part of goods reaching this country fail to meet quality standards and are re-exported.

Miscellaneous

Cantharides.—A well stabilized market was noted locally. While demand

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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was routine, it was more than sufficient to keep quotations to the steady side of market developments and throughout the past week very little tendency toward shading was noted.

Ergot.—The market remained in statu quo. Buyer and seller alike were awaiting further developments in the foreign situation, new of which thus far has not suggested that consumer values on the spot would be lower when the new crop is marketed.

Nux Vomica.—Manufacturers of strychnine continued to account for a large tonnage of consumption of this material, tending to keep prices firm at home and abroad. June imports totaled 168,574 pounds.

Lycopodium. — Some sellers would like to get higher prices while others said demand would not support an advance in values. June imports totaled 9,038 pounds.

Papain.—Competition was evidently at the bottom of most transactions and the market continued agitated by reports of price shading on powdered material. June importations of crude papain totaled 32,277 pounds. Prices were steady at the source.

Roots

Cube.—The season of best consumption was drawing shorter and sellers reported curtailment in buying interest. The market has been a fairly good one thus far, but most of the time competition was quite keen. June imports totaled 140,073 pounds of whole root, and 75,507 pounds of milled material. Imports of cube, timbo, and barbasco roots —all rotenone-bearing items shipped here from South America—in all of 1937, 1938, and for six months of 1939, were as follows:—

	Pounds		
	1937.	1938.	1939. 6 mos.
Brazil	197,892	58,979	114,033
Peru	378,259	476,760	922,317
Venezuela	....	55,115	52,910
Totals	576,151	590,854	1,089,260

Derris.—Quotations lacked change, but the market was not especially active during the past week, slowing down in the movement conforming to the fact that the season of largest consumption was on the wane. June imports totaled 230,644 pounds. Imports in all of 1937 and 1938, and those in six months of 1939 were as follows, by countries of origin:—

	Pounds		
	1937.	1938.	1939. 6 mos.
British Malaya	401,975	583,035	1,079,257
Philippine Islands	110,528	23,591	126,511
British India	....	....	10,972
Netherlands Indies	57,524	136,235	78,711
French Indochina	....	....	33,069
Other British Indies	314	....	....
United Kingdom	2,257	....	....
Panama	54	....	....
Totals	572,652	742,661	1,328,520

Ipecac.—The market was normally quiet last week. However, quotations appeared to be steady, reflecting the fact that replacement market values have been well maintained of late and show no signs of becoming easier. June imports totaled 1,102 pounds.

Jalap.—In the month of June, 9,964 pounds of this material reached here from Mexico. The market has been fairly steady since the recent but very slight decline in spot quotations. Trade last week was inactive.

Rhubarb.—The spot market eased under competition and whole root was priced at 43c. to 45c. per pound while powder was quoted at 48c. to 50c. Unsettlement recently seemed to have forecast the development.

Orris.—Business was slack. Buyers had but few needs to cover and most of them fell well within the category of jobbing. Prices remained about steady. June imports totaled 65,655 pounds.

Sarsaparilla. — Very steady undertones continued to prevail. All kinds of the item were well held as to price, there being little tendency toward price competition between dealers at this time. June imports totaled 19,253 pounds.

Seeds

Coriander. — Prices eased fractionally to the basis of 3½c. to 4c. per pound in a very dull market.

Fenugreek.—The market was very quiet and sellers were disposed to take new business as low as 3¼c. to 3¾c. per pound. However, any substantial expansion in interest would find the market subject to a rise.

Millet.—The outlook for the domestic crop was not good. Drought has hurt the growing plants and caused some to expect a sharp drop in home production of seed. Quotations were firmer and had an upward tendency.

Mustard.—English yellow was a fraction higher at 9½c. to 10c. per pound. Dutch yellow also rose to 8½c. to 8⅞c. Roumania offered goods guaranteed to pass, a new development in that country and one made possible by the migration to that country of a factor with proper cleaning machinery.

Stramonium.—Stocks have turned up very small and development of buying interest emphasized the low supply and caused a rise of quotations to the basis of 20c. to 21c. per pound.

Sunflower.—Prices were higher at 6c. to 6½c. per pound for California large seed, and 5c. to 5½c. for the medium variety. The poultry grade held unchanged at 3¾c. to 4c.

Spices

Cassia.—Batavia No. 1 was advanced to 16c. to 16½c. per pound; broken, 10½c. to 10¾c. Saigon was raised to 15c. to 15¼c. China cassia lacked change.

Clove. — Madagascar spice continued to advance and the market last week was 14½c. to 14¾c. per pound. Zanzibar remained unchanged.

Ginger.—African root held its recent advance, but it was still a very cheap article. Jamaica root held about steady, but activity was narrow. Cochin and Japanese material remained unchanged.

Mace. — Upward reaction following the sharp drop in prices during the previous week. Banda recovered to 52c. to 53c. per pound; Batavia, 32c. to 33c.; and Siauw, to 42c. to 43c.

Pepper.—Black Lampong was a small fraction lower at 3⅛c. to 3⅜c. per pound. White Java Muntok was shaded to 7¼c. to 7½c. Japanese chillies advanced to 17¼c. to 17¾c. Other prices lacked change.

Trading in black pepper futures on the New York Produce Exchange from August 14 to August 18, inclusive, comprised 122 contracts, a total of 4,099,200 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	3.11	3.06	3.12@3.15
March	3.18	3.15	3.21@3.25
May	3.33	3.25	3.30@3.34
July	3.48	3.35	3.35@3.42
August	2.90	2.90	2.86@2.95
September	3.06	2.88	2.96 sale
October	3.11	3.06	3.01@3.06
December	3.16	3.01	3.08@3.12

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Essential Oils, Aromatic Chemicals

Shipment of Anise and Cassia Uncertain When Japanese Troops Reach Hongkong Boundry—Peppermint Crop Estimate Below 1938 Production—Lemon Demand Good

Reports covering business in the market for essential oils and aromatic chemicals indicated that August business has been very good. Comparison with that in July, which proved not to have been a bad month, were all in favor of the August showing to date, and the outlook for the balance of that month was considered very good. Prices showed pronounced stability on spot, and in that respect seemed to be in line with the replacement cost of the majority of items.

No cable offerings anise and cassia were reported. News despatches at midweek reported Japanese troops at the Hongkong boundary and the countryside was cleared of Chinese to a depth of 13 miles. Japan declared its intention to stop commerce between Hongkong and the Chinese hinterland. This virtual blockade of the British crown colony could result in a stoppage of shipments of anise and cassia through Hongkong and the absence of normal cable communication may have been significant.

The Department of Agriculture peppermint crop report forecast a 5 percent decrease in production as compared with that last year. Full details should appear elsewhere in this issue. Weather conditions were considered not to have been of the best.

Demand for lemon and orange oils was held to satisfactory levels by the sweltering temperatures that blanketed the whole country much of the time last week. California lemon received the bulk of demand for this item, since it was avialable at prices far below those quoted on Italian material.

Citronella remained easy and low in price. Tansy and wormwood oils tended downward as the result of a normal new crop influence. Wormseed held steady, notwithstanding the prospective new production and the high cost of santonin may have been influential in the maintenance of oil prices.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.4	**70.4**	**70.1**	**69.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Inquiry was very fair on the spot last week, and, while most orders involved quantities of moderate size, the total of trade equaled that in recent weeks and gave to the market an undertone of considerable strength.

Anise.—The situation in the primary market continued to suggest the probability that export of this oil through Indo-China may be the only way in which goods can reach this country. How long exports by that route may be possible was uncertain. Japanese troops reached theHongkong boundary, clearing the country of Chinese to a depth of thirteen miles in a determined effort to stop commerce between Chinese territory and Hongkong.

Bay.—Routine transactions were reported. Replacement prices showed that shippers continued to hold very steady views on values, while on spot a plentiful reserve stock was available at equally steady prices.

Bergamot.—New developments were lacking. A steady to firm spot market corresponded with the position of the item in the foreign source of supply. Consumption continued along quiet lines well defined for some time past. Exports of this oil from Italy to the world in the first five months of 1939 and 1938, by countries of destination, were as follows:—

	*Kilos— 1939.	1938.
France	12,750	21,788
Germany	4,748	7,537
Netherlands	4,150	5,750
United Kingdom	28,975	23,804
United States	30,330	18,246
Italian Africa and possessions	....	114
Totals	87,187	84,233

* A kilo equals 2.2 pounds.

Birch Tar.—Requirements of buyers were moderate and consumers found little difficulty in covering their needs out of the very fair sized spot supply of the item.

Bois de Rose.—Well stabilized prices were the rule in all directions. Movement into consumption on spot was moderate in size but it had a steady quality that communicated itself to prices for prompt delivery merchandise.

Cade.—Rather more inquiry than usual was received in some quarters and business by the close of last week showed a slight improvement. Quotations ruled steadily throughout the period.

Cajeput.—Trading was usually on a hand-to-mouth basis last week and the call was mainly for jobbing quantities of all kinds of this item. Undertones continued to be steady on the spot in the absence of much competition.

Camphor.—The situation continued to be one in which prices were practically nominal in the absence of normal reserves and normal exports of this item from Japan. It was purely a sellers' market in all respects.

Cassia.—Japanese troops arrived at the boundry of Hongkong last midweek, clearing the country of Chinese for a depth of 13 miles for the purpose of stopping commerce between Hongkong and the Chinese hinterland. This jeopardizes trade in cassia for export notwithstanding which spot prices failed to rise last week.

Citronella.—Prices continued low and highly favorable for buying operations in both primary markets. Locally, the values were already low and hence the general undertone of the market was about steady. A fair domestic consumption was indicated.

Clove.—Reasonably good request was reported current on spot, resellers noting a very good movement and indicating that prices in such quarters had become somewhat firmer than they had been.

Coriander.—While stoppage of normal shipments from abroad has forced high prices on this market, domestic production of an oil fairly satisfactory in character has been sufficient to care for all manufacturing requirements. The market was steady.

Dill.—Pickle makers were active in consumption of this oil and its movement to manufacturing consumers has been made on the basis of fully steady prices in a market lacking unsettling competition between the leading suppliers.

Erigeron.—Production of this oil will probably start some weeks in the future, and as yet no indications as to the probable output have been in evidence. Since consumption has dwindled, it was not believed that a great deal would be produced.

Geranium.—Replacement costs changed little if any last week, and on the whole the spot market was quiet but generally steady in all respects. A fair trade gave considerable support to sellers' views on values.

Grapefruit.—Movement has been encouraged by fairly low prices, compared with those at which the oil was first introduced to consumers. Business was steady last week, and market undertones tended to be firmer.

Lemon.—Very little change in the general price position of this oil was noted. California oil was far lower in price than was the product of Italy, and hence continued to receive the major portion of a demand that continued to be stimulated by highly seasonable temperature conditions. Exports from Italy to the world in the first five months of 1939 and 1938, by countries of destination, were as follows:—

	*Kilos— 1939.	1938.
France	24,457	30,709
Germany	23,250	13,998
Netherlands	16,423	10,295
United Kingdom	121,096	77,858
United States	38,483	20,517
Italian Africa and possessions	116	....
Australia	11,103	3,873
Totals	246,453	165,797

* A kilo equals 2.2 pounds.

Lime.—Hot weather made the country swelter and kept beverage consumption at a high level, thus increasing substantially the manufacturers' consumption of this oil. The market was fully firm in all respects.

Orange.—Hot weather kept beverage consumption running to high totals. Plentiful stocks of low cost oil kept buyers well supplied, and the market continued to show a fairly steady price position most of the time. Exports from Italy to the world during the first five months of 1939 and 1938, by countries of destination, were as follows:—

	*Kilos— 1939.	1938.
Germany	3,712	4,146
United Kingdom	2,742	3,794
United States	5,103	1,304
Italian Africa and possessions	486	....
Totals	19,340	13,013

* A kilo equals 2.2 pounds.

Peppermint.—The first peppermint crop report of the Department of Agriculture came to hand last week. The indicated total of production is 845,000 pounds, comparing with 890,000 pounds in 1938, and 872,000 pounds which is the 1929-1937 average of production. The prospective yield is 5 percent below that of last year, and 3 percent below the 8 year average. Acreage planted in Michigan, Ohio and Oregon was smaller than a year ago; that in Indiana was larger, and Washington showed no change. Concerning crop conditions, the report said of Michigan:—Damage by frost and rain in early Spring; beetles very active in some fields; dry weather in July resulted in short top growth. Fields mostly free from weeds. Of Indiana:—Too much rain expected to reduce production. Crop made good progress in July. Yields expected to be above average. Of Oregon:—Crop is later due to unfavorable Spring. Crop grew well in June and July. Hot weather needed to bring out the oil. Insects bothersome. Some acreage plowed up. Of Washington:—Wire worms caused damage in Benton County. Old fields grew rapidly under hot weather. Yield expected to be one-third greater than last year.

Aromatic Chemicals

Anethol.—Japanese military operations reached Hongkong boundry to cut commerce between that port and the Chinese hinterland. This may jeopardize future shipments of raw material for producing anethol, although there

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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remains the possibility of shipping through Indo-China.

Anisic Aldehyde.—Continued shipment of raw material from Hongkong was jeopardized when the Japanese reached the Hongkong boundry for the purpose of stopping Hongkong-China commerce. The effect on the position and price of derived products remained to be developed.

Benzaldehyde.—Moderately fair activity was reported and the undertone of the market generally was very steady. Prices were well maintained by the leading producers whose reserves were said to be ample.

Benzyl Compounds.—The entire group was steady as to price and only moderately active as concerned sales into consumption during the past week. The entire group lacked change in prices.

Bromstyrol.—Moderately good request was reported. The call was certainly steady throughout the period and volume compared favorable with that current in recent weeks. Prices held very steady.

Diphenyl Oxide.—This highly important item was substantially steady in undertone and was the object of an exceptionally good request throughout the entire week. Values were well stabilized and signs of an early change in that aspect of the market were lacking.

Ethyl Vanillin.—All things considered, trade was very good in the main and the general market position of this item continued to be very steady at prices favorable for consumer operations.

Eucalyptol.—The strength of raw material kept this item very firm, especially in view of the prevailing cost of production from raw material showing a comparatively high cost. Values were fully maintained, also by very good demand.

Heliotropine.—Business was fair to good, consisting of a fair number of orders that covered manufacturing requirements fairly well in advance. Quotations continued to be very steady.

Hydroxycitronellal.—The product was in good request. Specially fine production was available, the item being one of high stability so important to those requiring a substantial reserve supply. Quotations were very steady.

Linalool.—Business was slower. Volume appeared to be below that in the previous week at which time it had been not too satisfactory. However, market undertone and prices held firm on the basis of the present firm position of replacement goods.

Linalyl Acetate.—The gain in trade noted in the previous week was held and the general activity was considered to be reasonably satisfactory during the period under review. Values were fully steady.

Methyl Salicylate.—Stability of price was unchanged. The market was on the firm side since production costs have shown no change and the general position of this item as reflected that prevailing in raw material.

Peppermint Domestic Crop Aug. Estimate 5% Lower

—Continued from page 5

in 1937, the figures being weighted averages.

The following are statistical data prepared by the marketing service and issued on August 10:—

***Production**

	Pounds	
	1939.	1938.
Indiana	285,000	225,000
Michigan	429,000	551,000
Ohio	8,000	8,000
Oregon	84,000	77,000
Washington	39,000	29,000
Totals	845,000	890,000

Acreage

	Acres	
	1939.	1938.
Indiana	9,500	9,000
Michigan	15,900	16,700
Ohio	240	400
Oregon	2,100	2,150
Washington	820	820
Totals	28,560	29,070

Yield Per Acre

	Pounds	
	1939.	1938.
Indiana	30.0	25.0
Michigan	27.0	33.0
Ohio	32.0	20.0
Oregon	40.0	36.0
Washington	47.0	35.0
Weighted average	29.6	30.6

* Contains some spearmint.

George Bode, of R. & H. chemicals department of E. I. duPont de Nemours & Co., this city, is spending his vacation at his Summer home in Atlantic Highlands, N. J.

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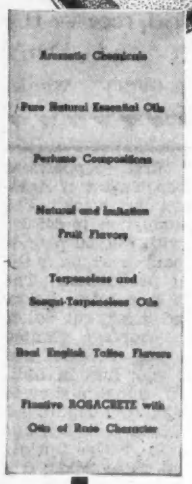
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Six-State Well Shutdown Strengthens Refinery Prices — Natural Gasoline and Gasoline Advance in Midcontinent—Two Companies Rescind Their Reductions — Major Concerns Hold Aloof

Gasoline prices began going up late last week as a result of shutdown orders invoked on oil wells in six big producing States. The price upturn, which included the kerosene market in West Texas, originated with small refiners who had meager supplies of crude oil on hand to operate their plants and no immediate prospects of getting more.

In the midst of the confusion surrounding the Midcontinent crude oil situation, the six States that shut their wells claimed an initial victory in the war against collapsing crude prices when two independent companies rescinded sharp reductions made the week before. Heads of major purchasing companies whose price reductions were responsible for the current crisis, however, gave no indication whether they would follow the two companies' lead.

Meanwhile, to prepare against a temporary shortage and pressure against prices as a result of the curtailment, jobbers in the Midcontinent became active buyers of gasoline and offered premiums for assured shipments. Natural gasoline manufacturers quickly boosted prices as refiners and jobbers also wanted protection against the closing down of a number of gasoline plants.

Locally, refined markets were strengthened by the crude oil wrangle, as they were in the Midwest and Gulf Coast. Sellers of refined products were talking of price advances because of the depletion of oil stocks, although late last week no advances had been made.

Solvents and Diluents

Paint makers were a bit more active last week and a greater volume of paint ingredients moved into consumption. Rubber solvent underwent its second successive week of slackening interest on the part of consumers. Cleaning material was unchanged.

Lacquer Diluent.—Lacquer manufacturers were more active last week and called for a bit more material. The price continued unchanged.

Petroleum Thinners.—Paint makers showed indications of increasing their demands in the near future. Inquiries were noticeably better than two weeks ago. Prices were firm.

Rubber Solvent.—Demand continued to fall off and shipments into consumption became more irregular. Rubber tire makers have slowed down production and apparently have enough stocks of this solvent to cover immediate needs.

V. M. & P. Naphtha.—Similar to thinners, the prospect for increased sales in the near future was brighter as a result of more inquiries for future delivery. The price was steady at the quoted level.

Chicago, Aug. 17.—Inquiries are reported to have been a little better in some sections of the petroleum solvents and diluents market recently, with actual orders about the same. Cleaners' material is moving fairly well on routine type buying. Paint industry takings are reported substantial. Price-cutting is said to be of no particular disturbance in the current price structure. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¼c. to 4⅜c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tank wagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tank wagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, ⅞c. to 6c., tankcar; 15.9c., tank wagon; V.M.&P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tank wagon.

Tulsa, Aug. 17.—Trading has slowed down materially as buyers are withholding their purchases because of the lower crude prices. With reduced quotations for gasoline there will of course develop pressure against all the naphthas. Quotations are unchanged this week.

Lighter Fractions

The market for petroleum hydrocarbons in the light gaseous group continued in the same groove last week, with demand and tonnage shipped into consumption unchanged. The natural gasoline market advanced and this increase was reflected by materials in this division of the refined petroleum trade.

Butanes.—Demand was at about the same level as the previous week. Shipments were regular and of satisfactory tonnage. Prices were firm.

Hexane.—The price continued at 12½c. per gallon for the normal grade and 14c. per gallon for the laboratory grade. Demand was about the same and shipments steady.

Heptane.—Demand picked up slightly during the period under review following a comparatively small interest in offerings the week before. Quotations were unchanged at 11c. per gallon for car lots of the mixed material and 11½c. per gallon for car lots of the normal.

Propane.—The market held the added strength it gained last week and shipments continued in fairly good volume. The long-standing price of 11½c. per gallon for the normal grade and 14c. for the laboratory grade, both basis Group 3, continued without revision.

Octanes.—For the second successive week demand picked up slightly. Shipments were more regular and greater in volume. The price of 12½c. per gallon for car lots continued firm and unchanged.

Petrolatums and Waxes

Demand for materials in this division of the refined petroleum field was running in a fairly steady grove last week. The market was seasonally inactive, but no worse than expected at this time of year. Sole exception was refined paraffin wax which continued strong.

White Mineral Oils.—Domestic suppliers reported unchanged market conditions last week, with prices firm at the quoted levels. Importers of the Russian oil felt a slackening on interest which made the market somewhat spotty.

Petrolatum.—A fairly good demand was in evidence for the fourth successive week. Shipments were for good tonnages and were regular. The price continued firm and unchanged.

Paraffin.—Refined wax continued to be one of the strongest materials in this division, with demand good and shipments steady. Crude scale wax was less active. All prices continued without revision.

Chicago, Aug. 17.—A fair amount of business is reported being done at this time in refined petroleum wax. No particular expansion of the orders has been noted, but volume has been such as to make a fairly good comparison with that which has prevailed for some time. Lacking quotable change, the price structure is considered rather stable. Ruling prices are:—122-124, 4.25c. to 4.3c. per pound; 125-127, 4.35c. to 4.4c.; 127-129, 4.7c. to 4.75c.; 130-132, 5c. to 5.05c.; 132-134, 5.25c. to 5.3c.

Tulsa, Aug. 17.—The 124-126 grade crude scale wax is unchanged this week at 2.85c. to 3c. per pound.

Fuels and Lubricants

Gasoline was stronger in all sections of the country and was advanced ⅛c. to ¼c. per gallon by Midcontinent refiners. Natural gasoline was boosted ½c. per gallon in the Midcontinent.

Gasoline. — Demand was heavy and prices unchanged along the Eastern seaboard.

Kerosene.—Prices seemed a bit firmer as a small increase in interest appeared.

Gas and Fuel Oils.—Bunker C fuel oil continued in good demand, while lighter fuel oils were attracting only small interest.

Lubricating Oils.—Pennsylvania lubricants were in heavy demand and prices were stronger although no changes were made.

Crude Oil Price Changes

California

Standard Oil Company of California and Union Oil Company of California increased prices from 1c. to 8c. per barrel in the Montebello field. In addition, the price schedule was extended to provide new prices for gravities of 41.0 and above. The new range is from 77c. per barrel for 14.0-14.9 gravity to $1.75 for 46.0-46.9 and above.

Central West

Sohio Corporation reduced prices 20c. per barrel in the Salem pool of Illinois. Its new posting is 85c. per barrel.

Midcontinent

Humble Oil & Refining Company reduced prices 20c. per barrel in all sections of this area. Sinclair Prairie Oil Marketing Company discontinued posting prices for crude in Texas, Oklahoma, New Mexico and Kansas until further notice.

Louisiana, Arkansas

Standard Oil Company of Louisiana reduced prices 20c. per barrel in all Louisiana fields; 23c. per barrel in South Arkansas fields; and 13c. in Smackover field. The Arkansas Fuel Oil Company followed the reduction. Shell Oil Company reduced prices 20c. per barrel in fields in coastal Louisiana.

Rocky Mountain

Stanolind Oil & Gas Company reduced the posted price 20c. per barrel in West Beaumont field. The new range is 71c. to $1.13 per barrel.

West Texas

Stanolind Oil & Gas Company reduced price 20c. per barrel in Winkler County to range of 45c. to 75c. per barrel.

Tankwagon Price Changes

Kansas City, Mo.—Principal sellers reduced third-grade gasoline 1c. per gallon to a new price of 10.9c.

Outputs and Quotas

A comparison of Bureau of Mines calculations for August productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended August 12, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	448,100	428,000	440,700
Kansas	168,700	164,000	170,850
Texas	1,428,100	†1,393,225	1,361,700
Louisiana ..	259,300	241,602	250,450
Arkansas ...	51,900	64,991	64,000
Illinois	201,900	.....	296,000
Eastern	106,200	.....	95,650
Michigan ...	54,200	.....	68,900
Wyoming ...	77,100	.....	61,950
Montana	16,400	.....	16,450
Colorado	3,900	.....	3,800
New Mexico.	111,000	111,000	104,150
California ...	595,100	‡598,300	615,500
Totals	3,521,900	.....	3,550,100

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of August. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Net daily average basic allowable for the thirty-one (31) day period beginning August 1. Shutdowns are ordered for all Saturdays and Sundays during August.

‡ Recommendations of Central Committee of California Oil Producers.

The State of the Petroleum Market

The reductions of crude in the Midcontinent were only follow-ups of the one reported last issue.

	Aug. 12	Aug. 5	Last Year
Crude petroleum price at well (average for ten fields) per barrel.....	$1.127	$1.127	$1.26
Gasoline prices at refineries (at four refining centers) per gallon.....	.0491875	.048875	.050625

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

NICKEL CATALYST
Also NICKEL CARBONATE - NICKEL OXIDE, Etc.
THE RUFERT CHEMICAL CO.
420 LEXINGTON AVENUE NEW YORK, N. Y.

SHERWOOD'S
GUARANTEED QUALITY WHITE OILS ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY · WARREN, PA. MAIN OFFICE · ENGLEWOOD, N. J.

Highest quality
NAPHTHENIC ACID
U.S.P. and Technical WHITE OILS
CRESYLIC ACID
CALODORANT GAS ODORANT
VISCOUS OILS (extremely viscous polymerized hydrocarbons)
STANDARD OIL COMPANY OF CALIFORNIA
225 BUSH STREET, SAN FRANCISCO, CALIFORNIA 30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

NEUTROLEUM
ALPHA GAMMA
MAKES BAD ODORS VANISH!
A few drops of NEUTROLEUM will neutralize instantly the most offensive odors. Originally introduced for use in fly sprays and petroleum-base preparations, it is now proving its effectiveness in hundreds of totally different technical products. Its cost is negligible; its value immeasurable. If your product has a sales-retarding scent you can free it of this handicap. Investigate NEUTROLEUM.
FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-Aug. 19	1938 Jan. 1-Aug. 19
Commercial crude oil production	804,612,000	790,877,700
	Week ended Aug. 19, 1939	Week ended Aug. 20, 1930
Daily average production	3,539,436	3,343,300
	Week ended Aug. 12, 1939	Week ended Aug. 5, 1939
Estimated motor fuel stock total	75,859,000	76,431,000
Estimated finished motor fuel stock total	69,455,000	70,142,000

Green Bay, Wis.—Principal sellers reduced kerosene 8/10c. per gallon to 10c., and third-grade gasoline 9/10c. to 15c. per gallon.

Markets at Other Centers

Chicago, Aug. 17.—Despite turmoil and unsettlement in the crude oil markets, tankcar gasoline prices have held fairly steady in the last few days. The principal reason is believed to be the unwillingness of sellers to dump material at sacrifices. The burning oils are mixed. Kerosene remains weak, with little demand. Tractor fuels have moved quite well. The heating products are seasonally easy. Heavy fuel oils are in good call, with tone reported strong. Lubricating oils continue dull, market tone steady.

GASOLINE—Low octane motor, 4¼c. to 4⅜c. per gallon; 63-66 octane motor, 4½c. to 4⅝c.; 67-69 octane motor, 4¾c. to 4⅞c.; 70-72 octane regular, 5c. to 5⅛c.; 60-62 gravity, 400 endpoint, 4¼c. to 4⅜c.; 64-66, 375, 4¼c. to 4½c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3⅝c. to 3⅞c.

FURNACE OILS—Range oil, 3⅜c. to 3¾c. per gallon; No. 1 prime, 3⅜c. to 3⅝c.; No. 1 straw, 3¼c. to 3½c.; No. 2 straw, 3⅛c. to 3⅜c.; No. 2 dark, 3c. to 3¼c.; No. 3, 3c. to 3¼c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Aug. 15.—The domestic market remained steady during the past week with no changes being noted in the quoted prices. Foreign inquiries and exports were fair. U. S. motor gasoline was quoted at 5⅝c.; U. S. motor below 62 octane at 5⅝c.; 63-67 octane at 5⅞c., and 68-70 octane at 6½c.—all prices being based on a per gallon rate at refinery.

Kerosene remained unchanged and was quoted at 7⅛c. per gallon at refinery.

Bunker C fuel oil was quoted at 80c. per barrel at terminal and 85c. per barrel delivered alongside, while industrial plants in this vicinity continued to be quoted at $1.36 per barrel, delivered.

Tulsa, Aug. 18.—Buyers are awaiting a clarification of the confused crude oil situation and sellers are hesitant to offer materials hoping that a prolonged shutdown of crude production might bring about a spurt in prices. As a result of these conditions trading is stagnant. As a whole the market was very unsettled, although fuel oil and natural gasoline continued to be the strong spots with the latter up ½c. per gallon.

GASOLINE—U. S. Motor, third grade, 4¼c. to 4⅞c. per gallon; 63-66 octane, 4⅜c to 5c.; 67-69 octane, 4⅞c. to 5¼c., and 70-72 at 5⅛c. to 5½c.

KEROSENE—41-43 grade, 3¼c. to 3⅝c. per gallon, and 42-44, 3½c. to 3⅞c.

NATURAL GASOLINE—26-70 grade, 3½c. per gallon, and 18-55, 4c. to 4¼c.

DISTILLATES—All quotations soft with No. 1 prime white at 3⅛c. to 3¼c. per gallon, and No. 2 straw at 2¾c. to 3c. The gas oils are 2⅜c. to 2¾c.

FUEL OIL—21-24 grade, 60c. per barrel in central states. In the midcontinent the 24-28 grades are 80c. to 85c. per barrel, with the 15-degree grade at 40c. to 65c.

Mexican Oil Dispute Appears Stalemated

—*Continued from page 5*

Mexican government had refused a settlement proposed by the Department of State for temporary control of the properties by a corporation directed by impartial citizens of foreign countries. He also warned that continued failure to reach a settlement would endanger continued relations between the United States and Mexico.

Dr. Castillo Najera, at a press conference at the Mexican Embassy, said the American oil companies still had the choice of three plans for settlement of the dispute. He added that he had not received any reply from Donald Richberg, attorney for the oil companies, to whom he gave these proposals August 2.

George H. Jackle, fertilizer broker, this city, returned last week from a one-month sojourn at Spring Lake, N. J.

Oil Control by U.S. Needed, Says Ickes

—*Continued from page 3*

tion, but now there is a very serious situation in that State, he said, adding that the Cole bill would help States to eliminate production where this is advisable to keep up the price of crude. The Cole bill, prepared by the Department of the Interior and introduced during the closing days of the session by Representative William P. Cole, jr., of Maryland, would give the Federal government power to regulate drilling and production practices throughout the United States to conserve petroleum and prevent wasteful production.

Asked about the role of the Connally "hot oil" act in the present situation Mr. Ickes replied that the conservation division of his department is making a careful study and that there is a possibility new Federal tender boards might be set up to prevent the interstate shipment of oil produced in violation of State orders. The conservation division is awaiting the texts of the State orders closing down production, since the Connally act cannot be effective until there is evidence that orders closing the wells are in conformity with State conservation laws. It has been reported that in Oklahoma some wells are continuing to operate in spite of the governor's closing orders, but as yet the conservation division has taken no steps to apply the Connally act.

Oil Output Shutdown Ordered by Six States

—*Continued from page 3*

ing Company, which, on August 10, initiated the reductions, announced that, effective August 18, it would discontinue posting prices in Texas, Oklahoma, New Mexico and Kansas until further notice.

Jerry Sadler, member of the Texas Railroad Commission, charged that the Standard Oil Company of New Jersey, through the Humble Oil & Refining Company, was operating in Texas in violation of State anti-trust laws. Commissioner Sadler's charge that there was a hook-up between New Jersey Standard and the Humble company were emphatically denied by W. S. Farish, president of the former firm. In response to Mr. Sadler's demand that the Standard Oil company either rescind the recent price cut by Humble or cut the price of gasoline five cents per gallon, Mr. Farish stated:—

The recent action by Humble was initiated by it and was based on its own judgment uninfluenced by the Standard Oil Company. Our company does not operate in Texas and has no influence over any company there.

Crude Oil Daily Output Down

Daily gross crude oil production in the United States during the week ended August 12 was 3,550,100 barrels, a drop of 359,300 from the record level of 3,909,400 in the previous week, according to the American Petroleum Institute. Production in Texas declined an average of 381,800 barrels daily, reflecting the return to the five-day-week basis. In the previous week the Texas wells operated seven days. Stocks of gasoline at the end of the week totaled 75,859,000 barrels, a decline of 572,000 from the 76,431,000 at the end of the previous week. A year ago these stocks were 74,498,000 barrels. Finished gasoline stocks were 69,455,000 barrels, against 70,142,000 and 68,046,000 a year ago.

Ohio Standard Oil Company has named George W. Hanneken, formerly general manager of the manufacturing department, and Sidney A. Swensrud, formerly of the supply and transportation department, as vice-presidents.

Belgian Tariff Bargain to Be Revised

—*Continued from page 3*

S—If any reduction is made in the proposed agreement, it will probably apply to a narrower description than that listed so as to cover only that part of the item which is of special interest to the Belgo-Luxemburg Economic Union.

B—The existing rate has been bound in a trade agreement now in effect.

U. S. tariff paragraph.		Duty.	Symbol.
	Stearic acid, valued at not more than 8 cents per pound.	25% (subject to import tax of 3c. lb. under Sec. 2491 (c) Int. Rev. Code; see below).	
1	Carbon dioxide, weighing with immediate containers and carton, 1 pound or less per carton.	1c. per lb. on contents, immediate containers and carton.	B
6	Aluminum sulphate.	1/5c. per lb.	R
7	Ammonium chloride.	1¼c. per lb.	
7	Ammonium nitrate.	1c. per lb.	
8	Antimony oxide.	2c. per lb.	
20	Chalk or writing or paris white:		
	Dry, ground, or bolted.	1/5c. per lb.	MR
	Ground in oil (putty).	½c. per lb.	R
24	Flavoring extracts, and natural or synthetic fruit flavors, fruit esters, oils and essences, all the foregoing and their combinations:—		
	Containing more than 20 per centum and not more than 50 per centum of alcohol.	30c. per lb. + 18% ad val.	R
	Containing more than 50 per centum of alcohol.	60c. per lb. + 18% ad val.	R
27 (a) (1) and (5)	Naphthalene which after the removal of all water present has a soldifying point of 79 degrees centigrade or above.	20% ad val. + 3½c. per lb.*	MR
29	Cobalt oxide.	10c. per lb.	MR
29	Cobalt sulphate.	5c. per lb.	
40	Hexamethylenetetramine.	11c. per lb.	
41	Edible gelatine, valued at less than 40 cents per pound.	12% ad val. + 2½c. per lb.	R
68	Ultramarine blue, dry, in pulp, or ground in or mixed with oil or water, wash and all other blues containing ultramarine:—		
	If valued at more than 10 cents per pound.	3c. per lb.	R
	If valued at 10 cents per pound or less.	3c. per lb.	
72	Lead pigments:—White Lead.	2 1/10c. per lb.	R
77	Zinc oxide and leaded zinc oxides containing not more than 25 per centum of lead:—		
	In any form of dry powder.	1¾c. per lb.	
	Ground in or mixed witht oil or water.	2¼c. per lb.	
81	Sodium phosphate (except pyrophosphate):—		
	Containing by weight less than 45 per centum of water.	1c. per lb.	R
	Not specially provided for.	½c. per lb.	R
81	Sodium sulphide:—		
	Containing not more than 35 per centum of sodium sulphide.	⅝c. per lb.	
	Containing more than 35 per centum of sodium sulphide.	⅝c. per lb.	
83	Rice starch.	1½c. per lb.	
93	Zinc chloride.	1 3/10c. per lb.	
205 (b)	White nonstaining Portland cement.	6c. per 100 lbs., including weight of container.	R
207	Sand containing 95 per centum or more of silica and not more than six-tenths of 1 per centum of oxide of iron and suitable for use in the manufacture of glass.	$1 per ton.	MR
219, 224	Cylinder, crown, and sheet glass, by whatever process made, and for whatever purpose used:—		
	Not exceeding 150 square inches.	1 26/64c. per lb.	C
	Above that, and not exceeding 384 square inches.	1 35/64c. per lb.	C
	Above that and not exceeding 720 square inches.	1 53/64c. per lb.	C
	Above that, and not exceeding 864 square inches.	1 62/64c. per lb.	C
	Above that, and not exceeding 1,200 square inches.	2½c. per lb.	C
	Above that, and not exceeding 2,400 square inches.	2 34/64c. per lb.	C
	Above that—	2 52/64c. per lb.	C
	Provided, That none of the foregoing weighing less than 16 ounces but not less than 12 ounces per square foot shall be subject to a less rate of duty than	37½% ad val.	C
	Any of the foregoing, when bent, frosted, sanded, enameled, beveled, etched, embossed, engraved, flashed, stained, colored (except glass not plate glass and not less than one-fourth of one inch in thickness, when obscured by coloring prior to solidification), painted, ornamented, or decorated	5% ad val. in addition	
220	Laminated glass composed of layers of glass and other material or materials, and manufactures wholly or in chief value of such glass.	45% ad val.	R
222 (a) 224	Plate glass, by whatever process made:		
	Not exceeding 384 square inches.	8 3/10c. per sq. ft.	R
	Above that, and not exceeding 720 square inches.	11 3/10c. per sq. ft.	R
	Above that, and not exceeding 1,008 square inches.	11 7/10c. per sq. ft.	R
	All above that.	13 2/10c. per sq. ft.	R
	Provided, That none of the foregoing measuring ½ inch or over in thickness shall be subject to a less rate of duty than	50% ad val.	B
	Any of the foregoing, when bent, frosted, sanded, enameled, beveled, etched, embossed, engraved, flashed, stained, colored, painted, ornamented, or decorated—	5% ad val. in addition.	

[Rolled, plate, and other glass covered by tariff paragraphs 221, 222(b), 222(d), and 231 are also involved.]

1613	Sulphide of arsenic.	Free.	
1651	Dead or creosote oil.	Free.	B
1652	Cobalt and cobalt ore.	Free.	B
1675	Ferrous sulphate or copperas.	Free.	
1685	Basic slag.	Free.	B
1685	Precipitated bone of a grade used chiefly for fertilizers, or chiefly as an ingredient in the manufacture of fertilizers.	Free.	B
1685	Ammonium phosphates, used chiefly for fertilizer.	Free.	
1685	Ammoniated superphosphates, used chiefly for fertilizer.	Free.	
1686	Copal.	Free.	B
1689	Ossein.	Free.	B
1732	Expressed or extracted palm oil.	Free (subject to processing tax of 3c. per pound upon first domestic processing under Sec. 2470, Int. Rev. Code; see below)	B
1733	Medicinal oil obtained from petroleum.	Free (subject to import tax of ½c. per gallon under Sec. 3422, Int. Rev. Code; see below)	
1749	Radium, and salts of.	Free	B
1792	Uranium, oxide and salts of.	Free	

Internal revenue code section.		Tax.	Symbol.
2470	Expressed or extracted palm oil.	3c. per lb. upon first domestic processing.	B
2491 (c)	Stearic acid, valued at not more than 8c. per lb.	3c. per lb.	
3422	Medicinal oil obtained from petroleum.	½c. per gal.	

* The ad valorem rate is based on American selling price of any similar competitive article manufactured or produced in the United States.

Fertilizer Materials

Feed Materials Attract Only Buying Interest in Market—Unground Tankage Advanced—Ground Tankage, Imported Blood Down — July Fertilizer Sales Off

The majority of the raw fertilizer materials continued to move in sluggish fashion last week. Mixers were disinclined to bother about stocks for the Fall and offerings were drawing little interest. As in the past several weeks, the only active consumers were the feed manufacturers and they ordered out enough unground tankage to warrant a price advance during the period under review. Ground tankage and imported blood, however, were both reduced.

Reports from the Midwest indicated that sellers apparently were holding their asking values at levels that compare fairly well with those of recent periods but the market was making no particular headway. Consumers in the lower South were more concerned with the crops and crop conditions than they were about ordering stocks, thus a stagnant market continued to be in evidence. The market on the Pacific Coast remained routine.

Total fertilizer sales in seventeen states during July, as indicated by the sale of tax tags, amounted to 51,633 tons, compared with 54,805 tons in July, 1938, according to the National Fertilizer Association. A sharp increase over last year was reported by Mississippi which resulted in a 26 percent increase for the South as a whole. Declines in Indiana and Kentucky were responsible for sales in the Midwest being only about one-fifth as large as a year ago. Comparative figures will be found in the chart below.

Exports of nitrogenous fertilizers from Germany amounted to 680,277 metric tons in 1938, against 782,162 in the preceding year. Exports during the first five months of 1939 totaled 284,690 metric tons, compared with 334,123 in the corresponding period of 1938.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tankage, unground feeding, 15c. per unit-ton, N. Y.

Reduced

Blood, dried, imp., 5c .per unit-ton, c.i.f. ports.
Tankage, grd., 5c. per unit-ton, N. Y.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

The price of imported dried blood was off, as was ground animal tankage, while unground tankage was advanced last week. Trading continued to be dull. Contracting for sulphate of ammonia and nitrate of soda was reported fairly good.

Dried Blood.—The imported material was reduced 5c. per unit-ton to $2.65, c.i.f. ports. Other prices were unchanged.

Fish Scrap.—No further orders were reported placed last week, with the catch still light. Prices were unchanged.

Nitrate of Soda.—Contracting was at about the same level as last year at this time.

Sulphate of Ammonia.—The volume of contracts negotiated to date was reported very satisfactory to major suppliers. Material was being shipped this month at $26.75 per ton.

Tankage.—Ground animal material was reduced 5c. per unit-ton to $2.75 and 10c. at New York. Unground feeding material was up 15c. to $2.90 and 10c. per unit-ton at New York. The Chicago and imported markets were unchanged.

Potashes

Contract negotiations continued fair, with spot demand for agricultural potash salts light. Prospective buyers apparently feel they still have plenty of time to place orders and obtain the 5 percent discount price which expires September 30.

Phosphates

Bone materials and other products in this division of the market were slow last week with all prices continuing unchanged.

Bone Materials.—Feed manufacturers were showing a small amount of interest but fertilizer mixers were sluggish in regard to offerings. All prices continued without revision.

Phosphate Rock.—The market was dull, a reflection of the general fertilizer situation. Imports of this material into the United Kingdom in the first six months this year totaled 222,664 tons, compared with 216,245 tons in the corresponding period of 1938.

Superphosphate.—Last week's sales were small and shipments light. Production in the United States during the fiscal year 1938-39 amounted to 3,005,979 tons, a decline of 12 percent from the previous year's output of 3,428,871 tons, according to the National Fertilizer Association. Shipments totaled 3,623,708 tons in 1938-39, a 3 percent drop from the previous year's figure of 3,733,286 tons. Stocks on hand totaled 943,644 tons on June 30, 1939, and 1,158,054 tons on June 30, 1938.

Sulphur and Pyrites

Both materials were encountering quiet in the market and prices continued as quoted. Exports of pyrites from Cyprus amounted to 515,000 metric tons in 1938, against 389,000 tons the previous year.

Markets at Other Centers

Atlanta, Aug. 16.—A stagnant market in fertilizer materials in the southeast continues in evidence, chief interest being in the crops. With a tropical storm moving into gulf regions last week, ragins began in the southeast and have persisted beyond the need of the crops. Unless there are radical changes in the cottonseed meal outlook, southern fertilizer manufacturers will have no occasion to worry about a cheap source of organic ammoniates. Quotations on a nominal market are as follows:—

SUPERPHOSPHATE — 52½ cents per unit, run-of-pile, southeastern producing points.

NITRATE OF SODA—$27 per ton, bulk, ports.

SULPHATE OF AMMONIA—$27 per ton, bulk, port basis, eastern mills.

COTTONSEED MEAL—8 percent grade, $22.50, southeastern mills.

BLOOD—$2.30 per unit, basis Chicago; foreign $2.65, port basis.

TANKAGE—$3 and 10c. per unit, basis Chicago; $3 and 10c., South America, port basis.

NITROGENOUS—$1.90 per unit, midwest; foreign $2.40, port basis.

—*Continued on page 60*

Fertilizer Tag Sales: July

	P.C. of 1938.	July 1939.	July 1938.	July 1937.	P.C. of 1938.	January-July 1939.	January-July 1938.	January-July 1937.
		Equivalent tons*				Equivalent tons*		
South:—								
Virginia†	121	4,776	3,962	6,791	105	317,428	302,811	339,651
North Carolina	99	4,862	4,892	7,625	110	1,104,882	1,002,046	1,121,043
South Carolina	86	1,475	1,710	3,570	102	636,389	624,834	731,146
Georgia	20	570	2,901	2,824	95	664,744	699,219	844,539
Florida†§	99	19,986	20,109	25,133	97	284,801	292,701	327,159
Alabama	259	2,200	850	210	105	546,650	521,550	617,110
Mississippi	...	12,650	207	491	93	277,646	298,161	322,585
Tennessee†	190	1,234	650	4,886	106	116,319	110,115	121,204
Arkansas‡	13	100	750	300	104	64,972	62,600	66,225
Louisiana†	5	102	2,000	500	100	123,578	123,972	132,272
Texas†	600	360	60	436	112	80,734	71,972	74,347
Oklahoma	...	200	10	10	96	6,398	6,680	5,120
Totals South	126	47,915	38,101	52,776	103	4,224,541	4,116,661	4,702,401
Midwest:—								
Indiana	27	3,500	13,051	8,181	114	160,814	140,609	143,545
Illinois	...	150	12	317	98	29,725	30,217	35,233
Kentucky	...	...	3,575	705	98	92,556	94,898	88,692
Missouri	11	68	61	590	84	20,936	24,809	32,055
Kansas	...	...	5	50	41	1,455	3,567	1,985
Totals Midwest	22	3,718	16,704	9,901	104	305,486	294,100	301,420
Grand Totals	94	51,633	54,805	62,677	103	4,530,027	4,410,761	5,003,821

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 29,500 tons of cottonseed meal for January-July combined, but no separation is available for the amount of meal used as feed.

§ Includes 34,700 tons of phosphatic and lime materials for January-July, 1939.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U.S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O
Also 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

ALWAYS READY

Hundreds of thousands of tons of 99.5 per cent pure elemental sulphur—stored in huge vats at our mines in Texas and Louisiana—are always ready to answer the multi-voiced call of U. S. industry.

This supply of sulphur—free from arsenic, selenium and tellurium—stands ready to help speed the transformation of the nation's resources into bridges and buildings, ships and sewing machines, airplanes and automobiles.

Up-to-date shipping facilities assure prompt and dependable delivery — backed by a reputation established during the past quarter-century for speedy, reliable and understanding service.

FREEPORT SULPHUR COMPANY
122 East 42nd Street New York

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, CRESYLIC—22 dms, American-British Chem Supplies, Tonsbergfjord, London
1 cs, White Tar Co, American Trader, London
35 dms, Monsanto Chem Co, Scythia, Liverpool
10 dms, American-British Chem Supplies, Scythia, Liverpool
5 dms, Noordam, Rotterdam
STEARIC—125 bgs, M J Corbett & Co, Bilderdijk, Rotterdam
ADEPS LANAE—2 dms, Yardley & Co, Britannic, London
ALBUMEN, EGG, HEN—16 cs, Henningsen Bros, Peter Maersk, Shanghai
2 cs, Yokohama Specie Bank, Kyusyu, Tientsin
ALMOND MEAL—10 kegs, S B Penick & Co, American Trader, London
ALUM POTASH CHROME—23 cks, Bilderdijk, Antwerp
ALUMINUM FOIL—105 pkgs, 118 cs, Katz Pfeiffer, Tonsbergfjord, Rotterdam
118 cs, Rohner-Gehrig Co, Normandie, Havre
TITANIUM—1 dm, Britannic, London
AMMONIA SULPHATE—500 bgs, Bradley & Baker, Noordam, Rotterdam
ANGELICA ROOT—1 cs, W & A Gilbey, Britannic, London
ARECA NUTS—200 bgs, R J Prentiss & Co, City of Manila, Colombo
ARROWROOT—200 bbls, 600 bgs, Morningstar-Nicol, Nerissa, St Vincent
1,000 bgs, 400 bgs, Morningstar-Nicol, Bennestvet, St Vincent
ARSENIC—1 sk, Normandie, Havre
ARTISTS MATERIAL—3 cs, Gallagher & Ascher, Bilderdijk, Rotterdam
6 cs, Winsor & Newton, Britannic, London
ASBESTOS—1,816 bgs, Johns Manville Corp, West Isleta, Capetown
20 bgs, Yomachichi, Melbourne
2,870 bgs, Birmania, Genoa
ASPHALT—730 bgs, A V Berner & Co, Seatrain Havana, Havana
1 car, A V Berner & Co, Seatrain Havana, Havana
BABASSU KERNELS—7,665 bgs, General Food Corp, Clement, Para
BARYTES—10 cars, United Color Pigment Co, Seatrain New Orleans, Havana
2 cars, United Color Pigment Co, Seatrain Havana, Havana
BONE MEAL—440 bgs, Birmania, Fiume
BRISTLES—10 cs, Chesnut, Cooper & Co, President Roosevelt, London
1 cs, Britannic, London
50 cs, Melchers, Inc, Peter Maersk, Kobe
37 cs, Wah Chang Trading Corp, Peter Maersk, Hongkong
15 cs, N Wagman & Co, Peter Maersk, Hongkong
27 cs, F H Cone & Co, Peter Maersk, Hongkong
50 cs, Block Bros, Peter Maersk, Hongkong
81 cs, F W Vonstade, Peter Maersk, Shanghai
5 cs, M Broverman & Son, Peter Maersk, Shanghai
25 cs, Hughes Autograf Brush Co, Peter Maersk, Shanghai
85 cs, F H Cone & Co, Peter Maersk, Shanghai
18 cs, American Trader, London
5 cs, Lunham & Moore, American Trader, London
2 cs, M Broverman & Son, American Trader, London
4 cks, 1 cs, J Block, American Trader, London
13 cs, F H Cone & Co, Tokai, Kobe
55 cs, Mitsubishi Shoji Kaisha, Tokai, Tientsin
55 cs, S Hirshenhorn & Son, Tokai, Tientsin
35 cs, H Rosenhirsch Co, Tokai, Tientsin
54 cs, F H Cone & Co, Tokai, Tientsin
55 cs, Bank of China, Kyusyu, Tientsin
6 cs, Kyusyu, Tientsin
CALCIUM, NITRATE—400 bgs, Synthetic Nitrogen Product Corp, Bergensfjord, Berlin
CANARY SEED—850 bgs, Western Prince, Buenos Aires
CANTHARIDES—10 cs, Melchers, Inc, Peter Maersk, Hongkong
30 bgs, S B Penick & Co, Siboney, Vera Cruz
CARAWAY SEED—100 bgs, Nieuw Amsterdam, Rotterdam
50 bgs, Archibald & Kendall, Noordam, Rotterdam
CASCARILLA BARK—6 bgs, S B Penick & Co, American Trader, London
CASSIA—200 bls, Royal Bank of Canada, Peter Maersk, Hongkong
32 bls, A G Dunn, Peter Maersk, Hongkong
50 bls, Wah Young Co, Peter Maersk, Hongkong
150 bls, R T French Co, New Orleans, Hongkong
100 bls, B Fischer & Co, New Orleans, Hongkong
100 bls, A G Dunn, New Orleans, Hongkong
200 bls, B H Olds & Co, New Orleans, Hongkong
50 bls, D & L Slade Co, New Orleans, Hongkong
50 bls, Parris Bros, New Orleans, Hongkongs
BROKEN—250 bls, B H Olds & Co, New Orleans, Hongkong
ROLLS—700 bls, A G Dunn, New Orleans, Hongkong
200 bls, S L Jones & Co, New Orleans, Hongkong
25 bls, Wood & Selick, New Orleans, Hongkong
VERA—35 bgs, Tawali, Tandjong, Priok
CASTOR BEANS—1,700 bgs, Blue Point Oil Co, Otto Petersen, Bahia
3,394 bgs, Otto Petersen, Bahia
3,400 bgs, Spencer Kellogg & Sons, Otto Petersen, Pernambuco
3,400 bgs, Otto Petersen, Pernambuco
3,400 bgs, Spencer Kellogg & Sons, tOto ente, Para
5,689 bgs, Baker Castor Oil Co, Clemente, Para
12,723 bgs, Clement, Para
CHALK, BLOCK—2,647 tons, Kidder Peabody & Co, Marie Maersk, Calais
PRECIPITATED—100 bgs, C B Chrystale Co, American Trader, London
CHEMICALS—91 cks, Advance Solvents Chem Co, New Amsterdam, Rotterdam
25 cs, 5 dms, New Amsterdam, Rotterdam
25 dms, Advance Solvents & Chem Co, Tampa, Oslo
100 bgs, Hummel Chem Co, Bilderdyk, Rotterdam
25 bbls, C M Sergeant Pulp & Chem Co, Bilderdyk, Rotterdam
58 cks, A V Berner & Co, Bilderdyk, Rotterdam
42 cks, Advance Solvents & Chem Co, Bergensfjord, Frerikstadt
25 bottles, Innis Speiden & Co, Deutschland, Hamburg
20 cks, Jungmann & Co, Deutschland, Hamburg
16 cks, General Aniline Works, Deutschland, Hamburg
1 pkg, Advance Solvents & Chem Works, Deutschland, Hamburg
1 cs, Schenker & Co, Deutschland, Hamburg
7 dms, Yardley Co, Britannic, London
3 cs, Gane & Ingrem, Normandie, Havre
16 cs, Hoffmann, La Roche, Normandie, Havre
2 cans, Carbic Color & Chem Co, Normandie, Havre
2 cs, G F Doherty, Normandie, Havre
4 cs, Lo Curto & Funk, Normandie, Havre
6 cks, 9 cs, Ciba Pharm Prod, Normandie, Havre
2 cans, Ciba Co, Normandie, Havre
2 cs, Normandie, Havre
8 cks, Hummel Chem Co, Henri Jaspar, Antwerp
250 bgs, Industrial Sales Corp, Henri Jaspar, Antwerp
121 dms, Industrial Sales Corp, Black Osprey, Antwerp
40 cks, Black Osprey, Rotterdam
100 dms, International Selling Corp, Ingria, Marseilles
484 bgs, Advance Solvents & Chem Co, Noordam, Rotterdam
10 cks, Chemical Marketing Co, Noordam, Rotterdam
2 cks, 9 cs, 4 dms, Noordam, Rotterdam
1 ck, Sandoz Chem Works, Noordam, Rotterdam
CHILLIES—127 bgs, Tonsbergfjord, London
CHINA CLAY—20 cks, E Fougera & Co, American Trader, London
CHROME METAL—20 dms, C Tennant Sons & Co, Britannic, London
ORE—1,012 tons, 10 cwt, E J Lavino & Co, West Isleta, Lourenco Marques
1,027 tons, 6 cwt, Philadelphia National Bank, West Isleta, Lourenco Marques
CINCHONA BARK—47 bls, New York Quinine & Chemical Works, Bilderdijk, Rotterdam
PRODUCTS—26 cs, R W Greeff & Co, Nieuw Amsterdam, Rotterdam
6 cs, R W Greeff & Co, Bilderdijk, Rotterdam
CLOVES—300 bls, West Isleta, Zanzibar
COALTAR DERIVATIVES—9 dms, General Aniline Works, Deutschland, Hamburg
INTERMEDIATES—2 jugs, 2 cks, 10 dms, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
2 cks, 3 jugs, 75 dms, 1 cs, General Dyestuff Corp, Bilderdijk, Rotterdam
35 cks, General Aniline Works, Deutschland, Hamburg
1 cs, General Dyestuff Corp, Deutschland, Hamburg
5 dms, General Dyestuff Corp, Noordam, Rotterdam
COBALT METAL—30 cks, Henri Jaspar, Antwerp
COCHINEAL—51 bgs, W R Grace & Co, Santa Rita, Callao
COCOA BEANS—761 bgs, Comp Franc de l'Afrique, Occid, West Lashaway, Lagos
22,005 bgs, Balfour, Guthrie & Co, West Lashaway, Lagos
4,794 bgs, West Lashaway, Accra
2,000 bgs, General Cocoa Co, Otto Petersen, Ilheos
1,500 bgs, Nieschlag & Co, Otto Petersen, Ilheos
450 bgs, Curacao Trading Co, Otto Petersen, Belein
84 bgs, Lopez & Mangual, Flora, Maracaibo
500 bgs, Flora, Porto Cabello
250 bgs, Middleton & Co, Stuyvesant, Port Spain
800 bgs, Curacao Trading Co, Stuyvesant, La Guaira
250 bgs, Antigua, Cristobal
400 bgs, Curacao Trading Co, City of Bagdad, Colombo
1,093 bgs, Curacao Trading Co, Borinquen, Trujillo
250 bgs, W R Grace & Co, Santa Rita, Guayaquil
250 bgs, Kennedy, Butcher & Co, Western Prince, Port Spain
500 bgs, W R Grace & Co, Bennestvet, Trinidad
250 bgs, W R Grace & Co, West Isleta, Port Spain
250 bgs, Meyer & Co, West Isleta, Port Spain
500 bgs, West Isleta, Port Spain
100 bgs, Meyer & Co, Santa Rosa, Porto Cabello
500 bgs, Santa Rosa, Porto Cabello
300 bgs, Santa Rosa, La Guaira
393 bgs, Guaranty Trust Co, Ingria, Lisbon
885 bgs, Ingria, Lisbon
2,000 bgs, Rockwood & Co, Clement, Para
1,000 bgs, General Cocoa Co, Clement, Para
28 bgs, Wessel, Duval & Co, Clement, Para
837 bgs, Clement, Para
500 bgs, Wessel, Duval & Co, Jamaica, Cristobal
COCONUTS—70 bgs, Josephine Ramirez, Borinquen, San Juan
10 bgs, Caribbean Trading Co, Borinquen, San Juan
10 bgs, Ramon Cerra, Borinquen, San Juan
60 bgs, E A Marketing Co, Borinquen, San Juan
500 bgs, General Food Corp, Jamaica, Kingston
COCONUT, DESIC—1,600 pkgs, General Food Corp, Peter Maersk, Manila
1,782 cs, Philippine Desic Coconut Corp, Peter Maersk, Manila
1,200 cs, Durkee Famous Food, Peter Maersk, Manila
620 cs, Bank of California, Kyusyu, Davao
COLORS—2 cs, Lunham & Reeve, President Roosevelt, Havre
COALTAR—5 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
COLORS, DRY—10 dms, Stanley Doggett, Nieuw Amsterdam, Rotterdam
8 cks, C J Osborn & Co, Bilderdijk, Rotterdam
EARTH—50 cks, Reichard-Couleton, Noordam, Rotterdam
COPAIBA BALSAM—24 cs, C E Griffin & Co, Santa Rosa, San Juan
CORIANDER SEED—2 cs, W & A Gilbey, Britannic, London
CORK—29 bgs, Mundet Cork Corp, Ingria, Lisbon
6 bgs, Hinrichs & Pearsall, Ingria, Lisbon
SHAVINGS—25 bls, Ingria, Lisbon
1,484 bls, Wicander & Co, Ingria, Lisbon
WOOD—75 bls, Armstrong Cork Co, Ingria, Liebon
150 bls, Chase National Bank, Ingria, Lisbon
61 bls, Wicander & Co, Ingria, Lisbon
25 bls, Hinrichs & Pearsall, Ingria, Lisbon
111 bls, Ingria, Lisbon
CRESOL—10 kgs, 5 dms, Monsanto Chem Co, Scythia, Liverpool
CUDBEAR—1 ck, Scythia, Liverpool
CUMIN SEED—250 bgs, Ingria, Casablanca
CUTTLEFISH BONES—300 cs, Ingria, Marseilles
DERRIS CHIPS—100 cs, J F Frank, Tawali, Samarang
ROOT—35 bls, Dodwell & Co, Peter Maersk, Cebu
DEXTRIN—25 bgs, L A Salomon & Bros, Nieuw Amsterdam, Rotterdam
POTATO—50 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
SUBST—50 bgs, Morningstar-Nicol, Bilderdijk, Rotterdam
DYES, ALIZARIN—77 jugs, 12 cks, 2 dms, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
1 jug, 59 dms, General Dyestuff Corp, Bilderdijk, Rotterdam
18 cks, General Dyestuff Corp, Noordam, Rotterdam
ANILIN—99 cks, 11 dms, 4 jugs, 1 cs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
31 dms, Ciba Co, Nieuw Amsterdam, Rotterdam
12 dms, Sandoz Chem Works, Nieuw Amsterdam, Rotterdam
4 cks, 49 dms, 5 jugs, 1 cs, General Dyestuff Corp, Bilderdijk, Rotterdam
2 dms, L & R Organic Prod Co, Bilderdijk, Antwerp
10 cks, 1 pkg, 1 cs, General Dyestuff Corp, Deutschland, Hamburg
4 dms, Geigy Co, Scythia, Liverpool
19 kegs, 1 cs, Carbic Color & Chem Co, Normandie, Havre
17 cks, Fulton Dye & Import Co, Normandie, Havre
24 cyls, Sandoz Chem Works, Normandie, Havre
58 cans, Ciba Co, Normandie, Havre
16 dms, Sandoz Chem Works, Noordam, Rotterdam
121 cks, 1 cs, General Dyestuff Corp, Noordam, Rotterdam
EARTH, MINERAL—8 bgs, R O Underwood, Siboney Vera Cruz
EGG YOLK, HEN—56 cs, Tokai, Tientsin
224 cs, Yokohama Specie Bank, Kyusyu, Tientsin
112 cs, Bank of Manhattan, Kyusyu, Tientsin
ERGOT — 20 cs, S B Penick & Co, Ingria, Lisbon
FENUGREEK SEED—282 bgs, Ingria, Casablanca
FERROALLOY — 121 bbls, Chase National Bank, Bergensfjord, Oslo
FERROTUNGSTEN — 130 dms, Philipp Bros, Kungsholm, Gothenburg
FERTILIZER—40 bgs, F B Vandegrift & Co, Britannic, London
FILM SCRAP—17 cs, Paramount Films, Bennestvet, Trinidad
FILTER MASS—10 bls, Aug Giese & Son, Deutschland, Hamburg
PAPER—18 cs, H Reeve Angel & Co, Britannic, London
FISH LIVERS—527 tins, Atlantic Coast Fisheries Export Co, Peter Maersk, Yokohama
250 tins, J D Irwin & Co, Peter Maersk, Yokohama
FLAXSEED—1,258 bgs, 2,767 bu, Bonheur, Rosario
426 tins, 17,040 bu, Bonheur, Rosario
160 bgs, 352 bu, Western Prince, Buenos Aires
FLEASEED—468 bgs, Silversandal, Colombo
FULLERS EARTH—100 bgs, L A Salomon & Bros, Britannic, London
FUR WASTE—35 bls, American Hatters & Furriers Co, Yomachichi, Melbourne
GAMBIER—260 cs, American Dyewood Co, Silversandal, Belawan Deli
61 cs, Littlejohn & Co, Tawali, Singapore
GELATIN, POWDERED—20 bbls, 1 cs, International Selling Corp, Bilderdijk, Antwerp
SHEET—25 cs, Bilderdijk, Antwerp
50 cs, International Selling Corp, Bilderdijk, Antwerp
25 cs, International Selling Corp, Westernland, Antwerp
GINGER ROOT—2 bgs, Josephine Ramirez, Borinquen, San Juan
8 bgs, J Di Cristina, Borinquen, San Juan
10 bgs, Jamaica, Kingston
75 bgs, Barclay Bank, Jamaica, Kingston
GLASS, PLATE—1 cs, General Motor Co, Westernland, Antwerp
WINDOW—2,185 cs, National City Bank, Bilderdijk, Antwerp
40 cs, Corn Exchange Bank, Tonsbergfjord, Antwerp
35 cs, Deutschland, Hamburg
680 cs, National City Bank, Westernland, Antwerp
66 cs, T Matchelt, Westernland, Antwerp
100 cs, Westernland, Antwerp
833 cs, Henri Jaspar, Antwerp
131 cs, Semon, Bache & Co, Black Osprey, Antwerp
GLUE—1 cs, Rietmann, Pilcer & Co, American Trader, London
40 bgs, G H Hemmel, Scythia, Liverpool
4 cs, Rohner, Gehrig & Co, Normandie, Havre
60 cs, Rex & Reynolds, Independence Hall, Bordeaux
GLYCERIN—2 cs, American Trader, London
GOLD AND SILVER FOIL—1 cs, Globe Shipping Co, Bilderdijk, Rotterdam
GRAPHITE—276 bgs, Asbury Graphite Mills, City of Bagdad, Colombo
1,026 bgs, Irving Trust Co, City of Manila, Colombo
630 bgs, National City Bank, City of Manila, Colombo
333 bgs, Asbury Graphite Mills, City of Manila, Colombo
GREASE, WOOL—12 dms, Scythia, Liverpool
30 dms, Hummel Chem Co, Scythia, Liverpool
GUM, ARABIC—250 bgs, Thurston & Braidich, Britannic, London
150 bgs, Innis, Speiden & Co, Britannic, London
300 bgs, Britannic, London
150 bgs, Norton Lilly & Co, American Trader, London
BENZOIN—110 cs, National City Bank, Silversandal, Belawan Deli
CHICLE—12 bls, Mexican Exploitation Co, Siboney, Vera Cruz
COPAL—142 bkts, O G Innes Corp, Silversandal, Macassar
512 bkts, Guaranty Trust Co, Silversandal, Macassar
348 bkts, Chase National Bank, Silversandal, Macassar
140 bgs, Irving Trust Co, Silversandal, Macassar
72 bkts, Manufacturers Trust Co, Silversandal, Macassar
220 bgs, O G Innes Corp, Henri Jaspar, Antwerp
DAMMAR—140 bgs, Manufacturers Trust Co, Silversandal, Macassar
840 bgs, O G Innes Corp, Silversandal, Singapore
50 cs, 70 bgs, France, Campbell & Darling, Silversandal, Singapore
25 cs, Gillespie-Rogers-Pyatt Co, Silversandal, Singapore
210 bgs, American Cyanamid & Chem Co, Silversandal, Singapore
50 cs, Stroock & Wittenberg, Silversandal, Singapore
210 bgs, W H Scheel, Silversandal, Singapore
100 cs, Gillespie-Rogers-Pyatt Co, Tawali, Batavia
LOCUST BEAN—25 bgs, Stein, Hall & Co, Scythia, Liverpool
85 bgs, Chase National Bank, Birmania, Genoa
40 bgs, Birmania, Genoa
SANDARAC—14 bbls, Ingria, Casablanca
TRAGACANTH—66 cs, E Meer & Co, President Roosevelt, Hamburg
GYPSUM—4,600 tons, U S Gypsum Co, Gypsum Empress, Windsor
5,100 tons, U S Gypsum Co, Gypsum Queen, Windsor
2,885 tons, National Gypsum Co, Orion, Dingwall
5,300 tons, U S Gypsum Co, Ravnanger, Windsor
HERBS, MEDICINAL—17 bls, Henri Jaspar, Antwerp
12 bgs, Peek & Velsor, Birmania, Fiume
23 bls, S B Penick & Co, Birmania, Genoa
HOPS—10 bls, J Sonnenschein Hop Co, Bilderdijk, Antwerp
10 bls, Westernland, Antwerp
33 bls, J Sonnenschein Hop Co, Black Osprey, Antwerp
HOREHOUND LEAVES—87 bls, S B Penick & Co, Gudrun Maersk, Algiers
ILMENITE SAND—100 bgs, City of Bagdad, Cochin
IPECAC ROOT—5 bgs, Antigua, Port Limon
IRISH MOSS—15 bls, R J Prentiss & Co, San Pedro, Havre
20 bls, Innis, Speiden & Co, San Pedro, Havre
50 bls, Irving Trust Co, San Pedro, Havre
IRON OXIDE—15 cks, Stanley Doggett, Bilderdijk, Rotterdam
25 bbls, Wishnick-Tumpeer, Excello, Malaga
50 bbls, Whittaker, Clark & Daniels, Excello, Malaga
40 cks, C J Osborn & Co, President Roosevelt, Southampton
25 cks, J A McNulty, Scythia, Liverpool
ISINGLASS—12 cs, C H Reisig, Britannic, London
JUNIPER BERRIES—3 cs, W & A Gilbey, Britannic, London
KAMALA—24 bgs, S B Penick & Co, American Trader, London
KOLA NUTS—50 bgs, Barclay Bank, Jamaica, Kingston
LAUREL LEAVES—184 bbls, Gudrun Maersk, Piraeus
LICORICE PASTE—10 cs, Ingria, Marseilles
LIME JUICE—100 cs, R F Downing & Co, American Trader, London
10 hhds, H P Bailey, Nerissa, Dominica
LITHOPONE—400 cks, Benj Moore & Co, Noordam, Rotterdam
LIVER MEAL—360 bgs, Yomachichi, Sydney
MACE—17 cs, B H Old & Co, Nieuw Amsterdam, Rotterdam
20 cs, 100 bgs, Nerissa, Grenada
MAGNESIA CALCINED—25 cs, Schofield-Donald Co, Scythia, Liverpool
CARBONATE—200 cks, 75 cs, Schofield-Donald Co, Scythia, Liverpool
50 cs, McKesson & Robbins, Scythia, Liverpool
TRISILICATE—25 cks, Schofield-Donald Co, Scythia, Liverpool
MATCHES, SAFETY—2,000 ctns, New York Match Co, Kungsholm, Gothenburg
MEDICINAL PREPS—3 cs, Burroughs, Wellcome & Co, American Trader, London
6 cs, American Trader, London
8 cs, G J Wallau, San Pedro, Havre
1 cs, Rohner, Gehrig & Co, San Pedro, Havre
11 cs, O D O'Neill & Co, Western Prince, Buenos Aires
MENTHOL—10 cs, Lindsay Trading Corp, Peter Maersk, Shanghai
MICA—80 cs, Trust Co of North America, Western Prince, Santos
BLOCK—80 cs, Ford Radio & Mica Corp, City of Bagdad, Calcutta
5 cs, Philadelphia Natl Bank, City of Bagdad, Calcutta
1 cs, Gillespie, Rogers, Pyatt Co, City of Bagdad, Calcutta
30 cs, E J Cornelis, City of Manila, Calcutta
35 cs, City of Manila, Calcutta
DISCS—15 cs, Gillespie, Rogers, Pyatt Co, City of Bagdad, Calcutta
12 cs, City of Manila, Calcutta
FILM—18 cs, Ford Radio & Mica Corp, City of Bagdad, Calcutta
1 cs, Gillespie, Rogers, Pyatt Co, City of Bagdad, Calcutta
26 cs, City of Bagdad, Calcutta
16 cs, City of Manila, Calcutta
SCRAP—40 cs, Western Prince, Buenos Aires
SPLITTINGS—3 cs, O Gerdan & Co, American Trader, London
50 cs, Gillespie, Rogers, Pyatt Co, City of Bagdad, Calcutta
55 cs, City of Bagdad, Calcutta
23 cs, E J Cornelis, City of Manila, Calcutta
30 cs, City of Manila, Calcutta
MONAZITE SAND—2,000 bgs, C Tennent Sons & Co, City of Bagdad, Cochin

MOLASSES—13,424 tons, Athel Templar, Rotterdam
MOSS—1 cs, Yardley & Co, Britannic, London
MURU MURU KERNELS—2,349 bgs, General Food Corp, Otto Petersen, Belen
2,115 bgs, General Food Corp, Clement, Para
MUSTARD SEED—60 bgs, Scythia, Liverpool
100 bgs, C Gulden, Black Osprey, Rotterdam
NAPHTHALENE—420 bgs, F R Bertrand, Tonsbergfjord, Antwerp
NUTMEGS—58 bgs, Middleton & Co, Bennestvet, Grenada
NUX VOMICA—2,000 pockets, City of Bagdad, Cochin
OCHER—1 bdl, A V Berner & Co, Kungsholm, Gothenburg
25 dms, T H Deutz, Ingria, Sete
40 bdls, J Lee Smith & Co, Ingria, Marseilles
OIL, ANISE—6 dms, Peter Maersk, Hongkong
BAY—7 cs, Barclay Bank, Nerissa, Dominica
BERGAMOT—50 cs, Birmania, Messina
CAMPHOR—50 dms, Dodge & Olcott Co, Peter Maersk, Kobe
35 dms, Orbis Product Corp, Kurama, Kobe
5 dms, Norda Essential Oil & Chem Co, Kurama, Kobe
5 dms, Ungerer & Co, Kurama, Kobe
6 dms, Givaudan Delawanna, Tokai, Yokohama
CASSIA—15 dms, New Orleans, Hongkong
10 dms, Dodge & Olcott Co, Peter Maersk, Hongkong
20 dms, Bingham & Co, Peter Maersk, Hongkong
10 dms, Norda Essential Oil & Chem Co, Peter Maersk, Hongkong
CHAULMOOGRA—30 cs, City of Bagdad, Cochin
CHINAWOOD—530 tons, Bank of China, Peter Maersk, Hongkong
223,356 lbs, S L Jones & Co, Peter Maersk, Hongkong
CINNAMON LEAF—2 dms, P R Dreyer, Ingria, Marseilles
1 dm, J H Vavasseur, City of Manila, Colombo
5 dms, City of Manila, Colombo
CITRONELLA—4 dms, Murphy & Beese Co, American Trader, London
4 dms, Volkart Bros, City of Bagdad, Colombo
2 dms, H P Winter & Co, Tawali, Batavia
24 dms, Tawali, Batavia
10 dms, National City Bank, City of Manila, Colombo
COCONUT—370 tons, Philippine Refg Corp, Silversandal, Shanghai
300 tons, Peter Maersk, Manila
COD—100 dms, Tampa, Kristiansund
100 dms, Tampa, Oslo
300 dms, Atlas Refg Co, Tonsbergfjord, Rotterdam
CODLIVER—25 dms, Lanman & Kemp, Tampa, Aalesand
40 bbls, E M Javitz Co, Bergensfjord, Aalesund
30 dms, C L Huisking & Co, Bergensfjord, Aalesund
25 dms, Davis & Lawrence Co, Bergensfjord, Aalesund
138 dms, Bergensfjord, Reykjavik
300 dms, Gunning & Gunning, Bergensfjord, Thorshavn
33 bbls, Bergensfjord, Thorshavn
20 dms, National Oil Prod Co, Fort Townshend, St Johns
COFFEE—1 cs, Gillespie & Co, Western Prince, Santos
CORN—80,378 kilos, Corn Product Corp, Noordam, Rotterdam
50 dms, Noordam, Rotterdam
CORNMINT—25 cs, Bridges, Neumer & Co, Kurama, Kobe
DILLSEED—1 dm, Florasynth Laboratories, Bilderdijk, Rotterdam
ESSENTIAL—1 cs, Nieuw Amsterdam, Rotterdam
3 pkgs, Bilderdijk, Rotterdam
5 pkgs, Britannic, London
4 cs, President Roosevelt, Havre
3 cs, San Pedro, Havre
48 pkgs, Normandie, Havre
12 dms, Ingria, Marseilles
4 cs, Noordam, Rotterdam
1 dm, Barclay Bank, Jamaica, Kingston
EUCALYPTUS—61 dms, Orbis Product Corp, Yomachichi, Sydney
14 dms, Dodge & Olcott Co, Yomachichi, Sydney
51 dms, Orbis Product Corp, Yomachichi, Melbourne
40 cs, Bank of Manhattan, Yomachichi, Melbourne
FISH LIVER—12 dms, Consumers Import Co, Peter Maersk, Yokohama
13 dms, Consumers Import Co, Kurama, Yokohama
24 dms, Mitsubishi-Shoji-Kaisha, Tokai, Yokohama
FUEL—112,000 bbls, Standard Oil Co of N J, G W M Knight, Aruba
72,000 bbls, Standard Oil Co of N J, Niobe, Aruba
80,302 bbls, Asiatic Petroleum Corp, Gard San Nicholas, Aruba
112,000 bbls, Standard Oil Co of N J, Victor Ross, Aruba
49,658 bbls, Asiatic Petroleum Corp, Torborg, San Nicholas, Aruba
GAS—3 dms, Socony-Vacuum Oil Co, West Lashaway, Matadi
GERANIUM—5 dms, Ungerer & Co, Gudrun Maersk, Algiers
10 dms, Gudrun Maersk, Algiers
LEMON—27 cs, Wells Fargo & Co, Siboney, Vera Cruz
LEMONGRASS — 8 dms, City of Bagdad, Cochin
4 dms, Central Hanover Bank & Trust Co, City of Bagdad, Cochin
8 dms, Chase National Bank, City of Bagdad, Cochin
13 dms, Volkart Bros, City of Bagdad, Cochin
12 dms, Bankers Trust Co, City of Bagdad, Cochin
LIME—7 dms, Paines & Reid, Stuyvesant, Georgetown
35 cs, Barclay Bank, Nerissa, Dominica
1 cs, R Desvernine, Nerissa, Martinique
15 dms, 5 cs, Fritzsche Bros, Western Prince, Port Spain
16 cs, A C Shillingford & Co, Bennestvet, Granada
11 cs, Bennestvet, Roseau
10 cs, Jamaica, Kingston
LUBRICATING—60 dms, Henri Jaspar, Antwerp
MINERAL—8 cks, Massee & Co, San Pedro, Havre
NUTMEG—2 cs, Ungerer & Co, Britannic, London
OITICICA—122 dms, Otto Petersen, Fortaleza
360,000 kilos, Clement, Para
127 dms, Brown Bros, Harriman Co, Clement, Para
580 dms, Chase National Bank, Clement, Para
840 dms, Clement, Para
OLIVE — 250 dms, Leghorn Trading Co, Gudrum Maersk, Piraeus
25 dms, Smith, Weihman Co, Excello, Tunis

OIL, OLIVE—50 dms, Lekas & Drivas, Excello, Seville
295 cs, Excello, Seville
10 dms, Leghorn Trading Co, Excello, Malaga
50 cs, Excello, Malaga
785 cs, Fernlane, Leghorn
60 cs, Ingria, Seville
25 dms, La Manna Azema & Farnau, Ingria, Nice
50 cs, Ingria, Marseilles
50 dms, Lekas & Drivas, Birmania, Leghorn
15 dms, Moosalina Prod Corp, Birmania, Leghorn
25 dms, Fontana Hollywood, Birmania, Leghorn
600 cs, Birmania, Leghorn
1,800 cs, Birmania, Genoa
OLIVE SULPHUR—75 bbls, E M Sergeant Pulp & Chemical Co, Ingria, Lisbon
ORANGE—12 dms, Balfour, Guthrie & Co, West Lashaway, Freestown
1 cs, Dodge & Olcott Co, Britannic, London
PALM — 403 tons, Banque Belge pour l'Etranger, Belawan Deli
462 tons, Balfour, Guthrie & Co, West Lashaway, Matadi
1 cs, Balfour, Guthrie & Co, West Lashaway, Matadi
20 dms, Nieuw Amsterdam, Rotterdam
PATCHOULI—17 cs, Silversandal, Penang
PERILLA—200 tons, Mitsubishi Shoji Kaisha, Kyusyu, Mozi
499 tons, Mitsui & Co, Kyusyu, Kobe
300 tons, Mitsubishi Shoji Kaisha, Kyusyu, Nagoya
PETITGRAIN—25 cs, Western Prince, Buenos Aires
ROSEWOOD—11 dms, Clement, Para
SANDALWOOD—1 cs, Volkart Bros, City of Bagdad, Cochin
SASSAFRAS—37 dms, Orbis Product Corp, Peter Maersk, Kobe
SESAME—50,800 kilos, Noordam, Rotterdam
SPERM—1 bbl, Davies, Turner & Co, American Trader, London
75 bbls, Califgrnia, Glasgow
SYNTHETIC—31 cs, Lo Curto & Funk, Tonsbergfjord, Rotterdam
TAR—3 dms, American Trader, London
TEASEED—100 dms, American Cyanamid & Chemical Co, Silversandal, Shanghai
287 dms, Silversandal, Shanghai
150 dms, Leghorn Trading Co, Peter Maersk, Shanghai
50 tons, Paul A Dunkel & Co, Peter Maersk, Hongkong
100 tons, Leghorn Trading Co, Peter Maersk, Hongkong
50 tons, Peter Maersk, Hongkong
THYME—1 dm, Gudrum Maersk, Casablanca
YLANG YLANG—2 dms, P R Dreyer, Ingria, Marseilles
ORANGE PEEL—1 cs, W & A Gilbey, Britannic, London
ORRISROOT—1 cs, W & A Gilbey, Britannic, London
ORTHOXYLENE—7 jugs, Bilderdijk, Rotterdam
PAINT, ENAMEL—6 bxs, Ludwig H Vogelstein, Nieuw Amsterdam, Rotterdam
PAPAIN—5 cs, McKesson & Robbins, Tonsbergfjord, London
11 cs, City of Bagdad, Colombo
28 half cs, R J Prentiss & Co, City of Bagdad, Colombo
22 cs, Kyusyu, Kobe
11 cs, City of Manila, Colombo
PAPRIKA—75 bgs, Victory Shipping Co, Deutschland, Hamburg
50 cs, H Schoenfeld & Son, President Roosevelt, Hamburg
PARAFFIN—200 cs, Duke Laboratories, Bilderdijk, Rotterdam
480 bgs, Asiatic Petroleum Corp, Tawali, Sourabaya
PEATMOSS—600 bgs, Ernst Bremerman Co, Bilderdijk, Rotterdam
300 bls, Half Moon Mfg & Trading Co, Noordam, Rotterdam
200 half bls, Premier Peatmoss Corp, Noordam, Rotterdam
400 bls, 12 half bls, Ernst Bremerman Co, Noordam, Rotterdam
PEPPER, BLACK—225 bgs, A J Fuller & Co, Silversandal, Oosthaven
15 bgs, W T Rawleigh Co, Tawali, Singapore
PETROLEUM, CRUDE—69,046 bbls, New York Trust Co, Marathon, Tampico
96,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
116,000 bbls, Standard Oil Co of N J, D L Harper, Aruba
REFINED—75 dms, R F Cruickshank Corp, Mathilda Thorden, Copenhagen
PIMENTO—225 bgs, Barclay Bank, Jamaica, Kingston
37 bgs, Gillespie & Co, Jamaica, Kingston
POPPYSEED—250 bgs, Nieuw Amsterdam, Rotterdam
100 bgs, M Witsenburg, Bilderdijk, Rotterdam
100 bgs, M Witsenburg, Noordam, Rotterdam
POTASH, CHLORATE — 115 dms, Charles Hardy, Black Osprey, Antwerp
MURIATE—Quantity, N V Potash Export Mij, Bilderdijk, Antwerp
396,400 kilos, N V Potash Export Mij, Black Osprey, Antwerp
SULPHATE—200 bgs, N V Potash Export Mij, Baalbek, Hamburg
700 bgs, N V Potash Export Mij, Black Osprey, Antwerp
PYRITES—1,400 tons, General Chem Co, Alden Barnes, Little Current, Ontario
QUASSIA CHIPS—400 bgs, S B Penick & Co, Jamaica, Kingston
QUEBRACHO EXTRACT—750 bgs, International Prod Corp, Western Prince, Buenos Aires
QUICKSILVER — 100 flasks, Siboney, Vera Cruz
RADIUM—3 cs, Radium Chem Corp, Henri Jaspar, Antwerp
RAPESEED—150 bgs, National City Bank, Excello, Constanza
170 bgs, Western Prince, Buenos Aires
RESIN, TONKA—3 cs, Ingria, Marseilles
RHUBARB—9 cs, Melchers, Inc, Peter Maersk, Hongkong
12 cs, S B Penick & Co, Peter Maersk, Shanghai
RICE FLOUR—100 half bgs, Half Moon Mfg & Trading Co, Noordam, Rotterdam
ROCK CRYSTALS — Philipp Bros, Clement, Para
ROOT, MEDICINAL—20 bgs, 5 bls, Deutschland, Hamburg
20 bls, Westernland, Antwerp
SALT CAKE—123 dms, Philip Bauer Co, Black Osprey, Antwerp
SENNA LEAVES—120 bls, S B Penick & Co, City of Bagdad, Colombo
319 bls, S B Penick & Co, City of Manila, Colombo
SESAME SEED—111 bgs, Gudrun Maersk, Alexandria
56 bgs, G T German, Peter Maersk, Hongkong
168 bgs, S K Adams, Tokai, Tientsin
SHELLAC—16 bgs, 25 cs, A Hurst & Co, Bilderdyk, Rotterdam
1 bg, Hensel, Bruckmann & Lobacher, American Trader, London

SHELLAC—35 bgs, 30 cs, A Hurst & Co, Noordam, Rotterdam
10 cs, City of Manila, Calcutta
100 bgs, W Rinssert Co, City of Manila, Calcutta
100 bgs, Gillespie, Rogers, Pyatt Co, City of Manila, Calcutta
BUTTONLAC—60 bgs, Guaranty Trust Co, City of Manila, Calcutta
SEEDLAC—100 bgs, Gillespie, Rogers, Pyatt Co, City of Bagdad, Calcutta
200 bgs, Mac Lac Co, City of Bagdad, Calcutta
800 bgs, Ralli Bros, City of Bagdad, Calcutta
100 bgs, Mantrose Corp, City of Bagdad, Calcutta
400 bgs, National City Bank, City of Bagdad, Calcutta
100 bgs, City of Bagdad, Calcutta
200 bgs, Wm Zinsser & Co, City of Manila, Calcutta
750 bgs, Ralli Bros, City of Manila, Calcutta
SIENNA—10 cks, C B Chrystal & Co, Birmania, Leghorn
60 cks, Birmania, Leghorn
SOAP—2 cs, Altman & Co, Normandie, Havre
BASE—94 cs, Yardley & Co, Britannic, London
SADDLE—50 cs, J J Gavin & Co, Britannic, London
SODA, HYDROSULPHITE—47 dms, Bilderdijk, Antwerp
30 dms, Tonsbergfjord, Antwerp
PRUSSIATE—6 cs, Eugene Ditzgen & Co, Deutschland, Hamburg
203 kegs, Tokai, Yokohama
SULPHATE—394 bgs, W R Grace & Co, Santa Rita, Antofagasta
SPONGES—11 bls, American Sponge & Chamois Co, Lancastria, Nassau
1 bl, J H Rhodes & Co, Lancastria, Nassau
26 bls, N Vouvalis & Co, Lancastria, Nassau
4 bls, Oriente, Havana
REFUSE—155 bls, N Vouvalis & Co, Lancastria, Nassau
STARCH, POTATO—250 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
RICE, POWD—6 bgs, Rosenthal & Co, Tonsbergerfjord, Antwerp
100 bbls, Arabol Mfg Co, Black Osprey, Antwerp
100 bgs, Innis, Speiden & Co, Noordam, Rotterdam
STRONTIUM, CHLORIDE—40 kegs, Robinson Wagner Co, Scythia, Liverpool
HYDRATE—4 kegs, Jungmann & Co, Scythia, Liverpool
OXALATE—6 cks, Deutschland, Hamburg
SULPHUR, BLACK—20 dms, Mitsui & Co, Kyusyu, Mozi
TALC—200 bgs, Whittaker, Clark & Daniels, Fernlane, Genoa
200 bgs, L A Salomon & Bros, Fernlane, Genoa
8,512 bgs, Peter Mearsk, Kobe
200 bgs, L A Salomon & Bros, Independence Hall, Bordeaux
450 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
TAMARINDS—10 bbls, Nerissa, Antigua
TANKAGE—1,308 bgs, Swift & Co, Western Prince, Montevideo
1,000 bgs, Mormacsul, Buenos Aires
1,000 bgs, Mormacsul, Montevideo
TAPIOCA FLOUR—1,654 bgs, Chase National Bank, Silversandal, Pasoeroean
552 bgs, Morningstar, Nicol, Silversandal, Pasoeroean
560 bgs, Java-American Export Co, Silversandal, Pasoeroean
552 bgs, Silversandal, Pasoeroean
560 bgs, Java-American Export Co, Kota Pinang, Batavia
800 bgs, H P Winter & Co, Kota Pinang, Batavia
1,000 bgs, Sino Java Handal, Tawali, Cheribon
3,328 bgs, Stein, Hall & Co, Tawali, Sourabaya
1,103 bgs, Chase National Bank, Tawali, Sourabaya
560 bgs, Java-American Export Co, Tawali, Sourabaya
773 bgs, Tawali, Sourabaya
500 bgs, Tawali, Probolinggo
599 bgs, Tawali, Batavia
801 bgs, Stein, Hall & Co, Tawali, Cheribon
1500 bgs, Tawali, Cheribon
750 bgs, Sino Java Handel, Tawali, Cheribon
1,000 bgs, Stein, Hall & Co, Tawali, Cheribon
TARTAR—241 bgs, Standard Brands, Excello, Tunis
46 bgs, Standard Brands, Ingria, Marseilles
108 bgs, Charles Pfizer & Co, Ingria, Marseilles
195 bgs, J P Morgan & Co, Ingria, Lisbon
323 bgs, Ingria, Lisbon
TITANIUM WHITE—1 ck, J L Turner, Nieuw Amsterdam, Rotterdam
TONKA BEANS—37 cs, Bonheur, Para
1 pkg, Hecht Levis & Kahn, Bonheur, Para
4 cks, Machado & Co, Nerissa, Trinidad
21 cs, Western Prince, Port Spain
1 pkg, W R Grace & Co, Santa Rosa, Puerto Cabello
TUBA ROOT—98 bls, Silversandal, Singapore
TUCUM KERNELS—1,154 bgs, General Food Corp, Clement, Para
UREA—400 bgs, Synthetic Nitrogen Prod Corp, Bilderdijk, Rotterdam
VANADIUM—3,750 bgs, Vanadium Corp, Santa Rita, Callao
VANILLA BEANS—1 cs, Corn Exchange Bank, Normandie, Havre
3 cs, Bank of Manhattan, Tawali, Tandjong Priok
13 cs, C T Wilson & Co, Tawali, Semarang
WATTLE BARK — 3,569 bls, West Isleta, Mombasa
EXTRACT—1,490 bgs, Tannin Corp, West Isleta, Durban
WAX—50 cs, California, Glasgow
10 cs, Socony Vacuum Oil Co, Silversandal, Batavia
5 cs, Robinson-Wagner Co, Henri Jaspar, Antwerp
BAYBERRY—14 bgs, S B Penick & Co, West Isleta, Capetown
44 bgs, West Isleta, Capetown
BEES—6 bgs, Curacao Trading Co, Stuyvesant, Port Prince
22 bgs, Olavarria & Co, Oriente, Havana
13 bgs, Schutte & Focke, Borinquen, Trujillo
29 bgs, Curacao Trading Co, Borinquen, Trujillo
23 bgs, Will Baumer Candle Co, Siboney, Havana
CARNAUBA—60 bgs, Smith & Nichols, Otto Petersen, Bahia
70 bgs, Bank of London-South America, Otto Petersen, Bahia
63 bgs, Strahl & Pitsch, Clement, Para
145 bgs, Guaranty Trust Co, Clement, Para
50 bgs, Philadelphia National Bank, Clement, Para
136 bgs, Bank of London-South America, Clement, Para
86 bgs, Chase National Bank, Clement, Para
554 bgs, S C Johnson, Clement, Para
814 bgs, Clement, Para

WAX, MINERAL — 30 bgs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
26 bgs, General Dyestuff Corp, Bilderdijk, Rotterdam
13 bgs, A Hurst & Co, American Trader, London
MONTAN—750 bgs, Strohmeyer & Arpe Co, Deutschland, Hamburg
OZOKERITE—20 cs, R M Dick, Independence Hall, Havre
WETTING AGENT—10 cans, Ciba Co, Normandie, Havre
WHITING—200 bgs, Westernland, Antwerp
2,000 bgs, Henri Jaspar, Antwerp
WINE LEES—196 bgs, Noordam, Rotterdam
WOLFRAM ORE—500 bgs, Wah Chang Trading Corp, Peter Maersk, Hongkong
WOODFLOUR—700 bgs, Tampa, Greaker
2,190 bgs, B L Soberski, Bergensfjord, Frerikstadt
1,000 bgs, Burnet Co, Bergensfjord, Frerikstadt
84 bgs, Innis, Speiden & Co, Kungsholm, Gothenburg
940 bgs, Burnet Co, Mathilda Thorden, Kotka
ZINC OXIDE—1 bg, Universal Carloading & Distr Co, American Trader, London
SULPHIDE—1 cs, C Ash & Co, American Trader, London
ZIRCONIUM ORE—1,008 bgs, Bonheur, Santos
535,310 kilos, Bonheur, Santos

New York Transit Imports

CASSIA—100 bls, Peter Maersk, Hongkong, Montreal
COCONUT, DESIC—250 cs, Bank of California, Davao, Chicago
COLORS—19 dms, Siboney, Vera Cruz, Montreal
JALAP ROOT—30 bgs, Parke Davis & Co, Siboney, Vera Cruz, Detroit
MOLASSES—10,173 gls, Boston Molasses Co, Seatrain Havana, Havana, Montreal
8,081 gls, Crosby Molasses Co, Seatrain Havana, Havana, St Johns, N B
MUSTARD SEED—500 bgs, W C Otten, Britannic, London, Rochester
PAPAIN—15 cs, American Ferment Co, West Isleta, Mombasa, Buffalo
PAPRIKA—50 bgs, Universal Carloading & Distr Co, President Roosevelt, Hamburg, Detroit
SOAP, SADDLE—1 cs, International Forwarding Co, Scythia, Liverpool, Chicago
SPONGES—9 bls, Lancastria, Nassau, Chicago
18 bls, Oriente, Havana, Detroit
REFUSE—79 bls, Munargo, Nassau, London
14 bls, Munargo, Nassau, Antwerp

Baltimore Imports

BONEMEAL — 1,500 bgs, Norefjord, Buenos Aires
6,000 bgs, Santos, Buenos Aires
COCONUT, DESIC—100 cs, Atutasan, Manila
IRON ORE—8,016 tons, Leo J Buck, Oxelosund, Narvik
10,300 tons, Bethlehem Steel Co, Cubore, Daiquiri
11,500 tons, Bethlehem Steel Co, Santore, Cruz Grande
8,034 tons, Leo J Buck, Strassa, Narvik
LIVERMEAL—56 bgs, H J Baker & Bros, Santos, Buenos Aires
MANGANESE ORE—8,050 tons, New Westminster City, Poti
4,000 tons, Comliebank, Calcutta
OIL, CODLIVER—6 dms, Donald McKay, Bergen
FUEL—44,000 bbls, Standard Oil Co, N J, Baltic, Aruba
OLIVE—560 cs, Exmouth, Leghorn
PETROLEUM, CRUDE—68,957 bbls, Standard Oil Co, N J, Franklin K Lane, Las Piedras
QUEBRACHO EXTRACT — 4,700 bgs, Norefjord, Buenos Aires
SARDINE MEAL—6,600 bgs, Atutasan, Kobe
SIENNA—50 bgs, 77 bbls, Exmouth, Leghorn
SILICATE ORE—220 tons, Marwarri, Calcutta
SILLIMANITE—100 bgs, Marwarri, Calcutta
SODA, NITRATE—5,000,000 lbs, Chilean Nitrate Sales Co, Karmt, Tocopilla
TANKAGE — 2,366 bgs, Norefjord, Buenos Aires
1,016 bgs, Santos, Montevideo

Boston Imports

AMMONIA, SULPHOCYANIDE—50 cks, 6,504 lbs, F A Kertess, Black Heron, Rotterdam
ASBESTOS—500 bgs, 1,015,000 lbs, Johns-Manville Corp, West Isleta, Capetown
BONE MEAL—1,114 bgs, 112,002 lbs, Mormacsul, Buenos Aires
CHEMICALS—40 cks, 23,968 lbs, Black Heron, Rotterdam
250 bgs, 55,115 lbs, Black Heron, Antwerp
CLAY—2 kegs, Wisconsin University, Scythia, Liverpool
COCOA BEANS—250 bgs, 50,000 lbs, Middleton & Co, West Isleta, Port of Spain
COCONUT, DESIC—210 cs, Dodwell & Co, Tai Shan, Manila
COLORS, DRY—5 cs, American Express Co, Scythia, Liverpool
EARTH—33 bbls, 11,365 lbs, George Morrill, Black Heron, Antwerp
CORUNDUM, CRYSTAL—1,230 bgs, 123 tons, 25 cwt, 5 lbs, The Standard Bank of South Africa, West Isleta, Lourenco Marques
FISH LIVERS—3 cs, from Nova Scotia
1 cs, R S Hamilton Co, Yarmouth, Yarmouth
1 bx, 6 lbs, Dench & Hardy, Saint John, Yarmouth
1 bx, Gorton Pew Fisheries, Evangeline, Yarmouth
9 cs, T D Downing Co, Newfoundland, Liverpool
LIVERS, HALIBUT—135 crtns, T D Downing Co, Newfoundland, Liverpool
LIVERS, CWORDFISH—9 crtns, General Seafoods Corp, Newfoundland, Liverpool
GLASS, WINDOW—29 cs, 16,525 lbs, Black Heron, Antwerp

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AUG 1939 XUM

GLUESTOCK, FISH—1 bbl, Snow Fisheries, Yarmouth, Yarmouth
25 bxs, J R Poole, St John, Yarmouth
2 bbls, J R Poole Co, Evangeline, Yarmouth
13 cs, Marden Wild Corp, Newfoundland, Liverpool
GUM, INDUSTRIAL—40 cs, 40 bgs, 11 tons, 20 cwt, 16 lbs, J P Marston Co, Scythia, Liverpool
GYPSUM—4,800 tons, U S Gypsum Co, Gypsum King, Windsor, N S
6,100 tons, U S Gypsum Co, Gypsum King, Windsor, N S
LIME JUICE—1 pnchn, 1 hhd, Lady Hawkins, Roseau Dominica
MANGROVE BARK EXTRACT—500 cs, 30 tons, 9 cwt, 3 qtrs, 15 lbs, Saxe Cutch Corp, Scythia, Liverpool
MEDICINAL PREPS—10 cs, Sun Lee Chong, Tai Shan, Hongkong
2 cs, Quong Wah Lung, Tai Shan, Hongkong
1 cs, China Trading Co, Tai Shan, Hongkong
10 cs, United Drug Co, Newfoundland, Liverpool
MICA SPLITTINGS—100 cs, Philadelphia National Bank, City of Bagdad, Calcutta
18 cs, Gillespie-Rogers-Pyatt Co, City of Bagdad, Calcutta
NUTGALLS—747 bgs, 46 tons, John D Lewis, Nako, Hongkong
NUTMEGS—100 bgs, Irving Trust Co, Lady Hawkins, Georgetown
OIL, COCONUT—1,530 tons, Philippine Refining Corp, Silversandal, Cebu
COD—25 dms, F W Damon, Newfoundland, Liverpool
50 cks, Newfoundland, Liverpool
82 dms, White & Hodges, Newfoundland, Livepool
CODLIVER—200 dms, 95,097 lbs, Marden Wild Corp, Black Heron, Antwerp
CORN—30 dms, 13,397 lbs, Black Heron, Antwerp
PEANUT—40 cs, Sun Lee Chong Co, Tai Shan, Shanghai
SESAME—1 cs, China Trading Co, Tai Shan, Hongkong
OSSEIN—2,000 bgs, 223,987 lbs, J O Whitten Co, Black Heron, Antwerp
2,000 bgs, 263,529 lbs, Atlantic Gelatine Co, Black Heron, Antwerp
PAINT—2 kgs, 2 cwt, 24 lbs, Dexter Bros & Co, Scythia, Liverpool
PEPPER, BLACK — 225 bgs, Silversandal, Oosthaven
QUEBRACHO EXTRACT—2,350 bgs, 235,971 lbs, International Products Corp, Mormacsul, Buenos Aires
542 bgs, 57,354 lbs, Tannin Corp, Mormacsul, Buenos Aires
SOAP, TOILET—1 cs, American Express Co, Scythia, Liverpool
SODA, HYDROSULPHITE — 50 dms, 11,993 lbs, Irving M Sobin Co, Black Heron, Antwerp
20 kgs, 1 ton, 2 cwt, 16 lbs, Lever Bros Co, Scythia, Liverpool
90 kgs, 9 tons, 13 cwt, 2 qtrs, 18 lbs, Philipp Bros, Scythia, Liverpool
SULPHIDE—112 dms, 45,397 lbs, Irving M Sobin Co, Black Heron, Antwerp
TAPIOCA FLOUR — 827 bgs, Silversandal, Pasoeroean
1,120 bgs, Chase National Bank, Silversandal, Pasoeroean
WOODFLOUR—100 bgs, Burnet Co, Mathilda Thorden, Helsingfors
WOOD PRESERVATIVE—10 dms, 11 cwt, 8 lbs, Cuprinol, Inc, Scythia, Liverpool
ZINC, DUST—40 dms, 22,751 lbs, Industrial Sales Corp, Black Heron, Antwerp

Houston Imports

ASPHALT—4,867 dms, Bestik, Brighton
BONE FLOUR—1,120 sx, Boschdijk, Rotterdam
CHARCOAL, ANIMAL, DUST—500 bgs, Boschdijk, Antwerp
CHEMICALS—120 cs, Frankfurt, Hamburg
MUSTARD BRAN—80 pkgs, Frankfurt, Hamburg
PAPRIKA—25 pkgs, Kiel, Hamburg
75 sx, Frankfurt, Hamburg
225 bgs, Frankfurt, Hamburg
PEATMOSS—250 bls, Boschdijk, Rotterdam
PETROLEUM, CRUDE—78,926 bbls, Myriam, Tuxpam
34,081 bbls, Aztec, Tuxpam

Lake Charles Imports

POTASH, MURIATE — 1,339 tons, Kiel, Bremen

Los Angeles Imports

AMMONIA, PHOSPHATE—2,600 bgs, 259,840 lbs, Rosebank, Trail
SULPHATE—4,680 bgs, 448,000 lbs, Rosebank, Trail
ANTIMONY ORE—85,000 lbs, from Iguala
APRICOT KERNELS — 690 lbs, President Pierce, Hongkong
BABASSU KERNELS—5,081 bgs, 671,980 lbs, Leikanger, Maranhao
CHEMICAL, COMPOUND—1 lb, Kyusyu, Yokohama
SALT—60 lbs, President Pierce, Hongkong
440 lbs, Tokai, Yokohama
CHINA CLAY—399,620 lbs, Wyoming, St Anstell
CINNAMON—50 bls, 5,000 lbs, President Pierce, Colombo
CLAY BALL—222,880 lbs, Wyoming, St Anstell
COCONUT, DESIC—520 cs, 82,370 lbs, Kyusyu, Davao
COPRA MEAL—6,000 bgs, 600,000 lbs, Djambi, Manila
CUMIN SEED—100 bgs, 10,580 lbs, from Casablanca
DRUGS, CRUDE—10,990 lbs, President Pierce, Hongkong
FENNEL SEED—400 lbs, from Torre Del Greco
FISH LIVERS—300 tins, 12,000 lbs, Kamagire, Yokohama
845 tins, 33,800 lbs, President Pierce, Japan
1,322 tins, 52,880 lbs, President Pierce, Yokohama
70 tins, 2,800 lbs, President Pierce, Tokio
469 tins, 19,870 lbs, Canada, Iceland
GLASS, SHEET—88 cs, 4,050 lbs, Leme, Milan
GYPSUM, CRUDE—7,544,320 lbs, Griffco, San Marcos
HERBS, POWD—70 lbs, from Turin
INK, INDIA—10 lbs, Tokai, Tokio
PRINTING—2 lbs, Kyusyu, Yokohama
IRON OXIDE—177 bbls, 96,750 lbs, Lochavon, Malaga
LIME—660 bgs, 36,930 lbs, Rosebank, Vancouver
MEDICINAL PREPS—470 lbs, Leme, Trieste
70 lbs, Tokai, Tokio
520 lbs, President Pierce, Hongkong
MOSS, GELATIN—4,480 lbs, Cordillera, Liverpool
MUSTARD PREP—2,230 lbs, Lochavon, London
OIL, CODLIVER—25 dms, 5,360 lbs, Laurits Swenson, Bergen
25 dms, 5,360 lbs, Laurits Swenson, Oslo
CORN—356,440 lbs, Lochavon, Amsterdam
OIL, ESSENTIAL—10 lbs, Peter Maersk, Tokio
LUBRICATING—12 dms, 4,270 lbs, Lochavon, London
OLIVE—100 dms, 44,440 lbs, Dinteldijk, Malaga
25 dms, 11,020 lbs, Leme, Malaga
PEATMOSS—2,000 bls, 224,000 lbs, Canada, Copenhagen
625 bls, 62,720 lbs, Lochavon, Malma
PERFUMERY—500 lbs, from Paris
POLISH—140 lbs, from London
SOAP, TOILET—280 lbs, Wyoming, Paris
SODA, CYANIDE—500 dms, 101,140 lbs, Lochavon, Frankfurt
TANKAGE—2,128 bgs, 212,800 lbs, Limerick, Wellington
TAPIOCA, FLOUR—3,580 lbs, President Pierce, Hongkong
TOILET PREPS—120 lbs, Peter Maersk, Tokio
10 lbs, Tokai, Tokio
WAX, VEGETABLE—1,120 lbs, Kiuka, Kobe

Mobile Imports

BAUXITE ORE—3,320 tons, Nidordal, Paramaribo

New Orleans Imports

ACID, CRESYLIC—155 dms, American Cyanamid & Chem Co, West Cohas, Liverpool
BAUXITE ORE—2,819 tons, Aluminum Ore Co, Bestik, Paramaribo
1,430 tons, Aluminum Ore Co, Lindvangen, Paramaribo
1,080 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
384 tons, Aluminum Ore Co, Lindvangen, Port of Spain
BLEACHING POWDER—100 cs, R Ramelli, West Cohas, Liverpool
CALCIUM CHLORIDE—4 dms, H Kaltwasser & Co, Toloa, Havana
CLAY, FIRE—300 sks, City of Joliet, Havre
COCONUTS—75 sks, Valle & Suero, Choluteca, Belize
COPPERAS—20,000 sks, United Fruit Co, West Cohas, Manchester
GUM, CHICLE—66 bls, Chicle Development Co, Choluteca, Belize
IRON OXIDE—10 cks, J A McNulty, West Cohas, Manchester
MOLASSES—1,373,106 gls, Cuba Distilling Co, Cassimir, Santiago
OIL, LUBRICATING—2 dms, City of Joliet, Antwerp
PEATMOSS—250 bls, City of Joliet, Antwerp
SALT—300 sks, Federal Barge Line, West Cohas, Liverpool
SESAME SEED—297 sks, Tegucigalpa, Tampico

Norfolk Imports

BLUE, ULTRAMARINE — 20 cs, Standard Ultramarine Co, Huntington, Schodack, Havre
BONE MEAL—2,240 bgs, 101 tons, Black Falcon, Antwerp
COCOA RESIDUE—1,177 bgs, 98 tons, Bradley & Baker, N Y, Black Falcon, Rotterdam
COLORS, EARTH—8 cs, Black Falcon, Antwerp (for Newport News, Va)
LEATHER SCRAP—1,385 bgs, McKeesport, Liverpool
MICA SCRAP—200 bgs, City of Eastbourne, Calcutta
997 bgs, Marwarri, Colombo
WASTE—667 bgs, City of Eastbourne, Calcutta
OIL, FUEL—40,000 bbls, Standard Oil Co of N J, Baltic, Aruba
SAGO FLOUR—363 bgs, Guaranty Trust Co, N Y, Penrith Castle, Singapore
SODA NITRATE—6,562.02 long tons, Chilean Nitrate Sales Corp, Karmt, Tocopilla
TALC—550 bgs, 53 tons, L A Salomon & Bros, N Y, Schodack, Havre
TAPIOCA FLOUR—500 bgs, Chase National Bank of N Y, Penrith Castle, Sourabaya
TAR, CRUDE—3,000 tons (725,000 gls) Yolanda, London

Philadelphia Imports

ACIDS, FATTY—30 bbls, George A Street & Co, Liberty, Hull
BONE MEAL—1,103 bgs, Idarwald, Hamburg
3,000 bgs, Santos, Buenos Aires
CARAWAY SEED—50 bgs, Noordam, Rotterdam
CARDAMOM—10 cs, Comliebank, Colombo
CHEMICALS — 8 bbls, 1,000 bgs, 202 dms, Black Tern, Antwerp
10 cs, Tai Shan, Kobe
100 dms, Noordam, Rotterdam
CHINA CLAY—719 tons, 11 cwt, English China Clay Sales Corp, Toronto City, Fowey
187 tons, Moore & Munger, Toronto City, Fowey
142 tons, 13 cwt, Paper Makers Importing Co, Toronto City, Fowey
80 tons, 5 cwt, John W Higman & Co, Toronto City, Fowey
CLAY, BALL—211 tons, 13 cwt, English China Clay Sales Corp, Toronto City, Fowey
VALLENDAR—77 cks, Black Tern, Rotterdam
COCOA BEANS—4,509 bgs, Idarwald, Hamburg
2,292 bgs, W & A Leaman, Black Tern, Rotterdam
500 bgs, W R Grace & Co, Ayuruoca, Bahia
1,000 bgs, General Cocoa Co, Ayuruoca, Bahia
COCONUT, DESIC—100 cs, Cooperative Cocoanuts Products, Sorholt, Manila
200 cs, Sorholt, Manila
CORK, WASTE—11,700 bls, Armstrong Cork Co, Mongioia, Seville
6,792 bls, Armstrong Cork Co, Mongioia, Seville
2,008 bls, Wicander & Co, Excello, Seville
CORNWALL STONE—204 tons, 4 cwt, John W Higman & Co, Toronto City, Fowey
FERROMANGANESE — 49,125 kilos, W H Mueller Co, Noordam, Rotterdam
GALLNUTS—198 bgs, Chase National Bank, Nako, Hongkong
GLASS, SHEET—4 bxs, Arthur H Thomas Co, Cold Harbor, Liverpool
WINDOW—50 cs, Black Tern, Antwerp
10 cs, Seymour G Cole, Black Tern, Antwerp
GYPSUM, CRUDE—4,800 tons, U S Gypsum Co, Gypsum Prince, Windsor
IRON OXIDE—45 bbls, F B Vandegrift & Co, Cold Harbor, Liverpool
LEAD ACETATE—20 cks, Liberty, Hamburg
LITMUS—2 cks, Noordam, Rotterdam
MAGNESITE CALC—100 bbls, Noordam, Rotterdam
MANGANESE ORE—8,800 tons, E J Lavino & Co, Hawnby, Takoradi
MOLASSES — 1,809,347 gls, North American Trading & Import Co, Frontenac, Antilla
MUSTARD SEED—100 bgs, Black Tern, Rotterdam
NAPHTHALENE, CRUDE—1,100 bgs, John H Faunce, Black Tern, Rotterdam
1,250 bgs, Noorda, Rotterdam
OIL, CODLIVER—520 dms, Southfolk, Bergen
350 dms, Donald McKay, Bergen
CORN—76,863 lbs, Black Tern, Antwerp
132,024 kilos, Noordam, Rotterdam
OSSEIN—1,537 bgs, Black Tern, Antwerp
PEATMOSS—350 bls, Marine Midland Trust Co, Black Tern, Rotterdam
330 bls, Den Norske Credit Bank, Liberty, Hamburg
300 bls, Marine Midland Trust Co, Noordam, Rotterdam
425 bls, Noordam, Rotterdam
300 bls, Ernest Bremermann, Noordam, Rotterdam
PETROLEUM, CRUDE—88,386 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
112,232 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
POLISH—80 cs, R T French Co, Liberty, Hull
SESAME SEED—143 bgs, Comliebank, Colombo
SHELLAC—590 bgs, Bankers Trust Co, Comliebank, Calcutta
SUMAC LEAF—200 bls, Ida, Palermo
SODA SILICOFLUORIDE—400 bgs, John A Steer & Co, Idarwald, Hamburg
250 bgs, Donald McKay, Copenhagen
TANKAGE—1,015 bgs, H J Baker & Bro, Santos, Buenos Aires
UREA—400 bgs, Synthetic Nitrogen Prod Corp, Black Tern, Rotterdam
WAX, CARNAUBA—1 pkg, Ayuruoca, Bahia
CRUDE—67 pkgs, Liberty, London
VEGETABLE—25 cs, Jungmann & Co, Nako, Mozi
WITHERITE SMALLS—75 tons, Liberty, Hull

Portland, Ore., Imports

BONE MEAL—560 sks, Mount Ida, Antwerp
CHALK—1,100 sks, Mount Ida, Antwerp
COPRA—1,000 tons, Durkee Famous Foods, Dagmar Salen, Cebu
1,050 tons, Dagmar Salen, Legaspi
MOWRAH MEAL—140 sks, Bengalen, Calcutta
OSSEIN—469 sks, Mount Ida, Antwerp
PEANUTS, SHELLED—350 sks, M S Cowen Co, Bengalen, Manila
250 sks, Balfour, Guthrie & Co, Bengalen, Manila
PEATMOSS—200 bls, D Chr Jacobson, Delftdijk, Rotterdam
PETROLEUM, REFD—50 dms, Oregon Marine Supply Co, Seattle, Hamburg
SILVERSAND—200 tons, Balfour, Guthrie & Co, Oregon, Antwerp
WHITING—254 sks, 27 bbls, Erria, Copenhagen

San Francisco Imports

ACID, CITRIC—540 cs, Manukai, Honolulu
CHALK, PRECIP—67 sks, H J Baker & Bros, Parthenia, Liverpool
CHEMICALS—23 cks, Ore & Chemical Corpn, Tacoma, Antwerp (for Oakland)
CLAY, BALI—50 sks, Dinteldijk, Rotterdam
CLOVES—25 sks, Catz American Co, Silverbelle, Saparoea
COCOA BEANS—100 sks, Vandel Commercial Co, Tacoma, Cristobal
COLORS, EARTH—5 cks, Dinteldijk, Rotterdam
COPRA MEAL—1,500 sks, Procter & Gamble Mfg Co, Silverbelle, Manila
CORKFLOATS — 67 bls, Linen Thread Co, Dinteldijk, London
DEGRAS—10 dms, Parthenia, Liverpool
DEXTRIN, POTATO—25 sks, Stein, Hall & Co, Dinteldijk, Rotterdam
GINGER ROOT—20 cs, Matsonia, Honolulu
GUM, COPAL—60 bkts, D Hecht & Co, Silverbelle, Macassar
633 bkts, Henry W Peabody & Co, Silverbelle, Macassar
65 bkts, D Hecht & Co, Silverbelle, Macassar (for Oakland)
585 bkts, Silverbelle, Macassar (for Oakland)
109 bkts, Silverbelle, Tominibay
DAMMAR—210 sks, Henry W Peabody & Co, Silverbelle, Macassar
HOPS—30 bls, A Gusmer, Tacoma, Antwerp
IRON OXIDE—40 cks, Parthenia, Liverpool
MOLASSES—800 tons, Manoa, Hilo
1,000 tons, Maunawili, Honolulu
790 tons, Waimea, Port Allen
NUTMEGS—85 cs, B C Ireland, Silverbelle, Macassar
OIL, SPERM—25 dms, Parthenia, Glasgow
PARAFFIN—400 sks, Shell Oil Co, Silverbelle, Balikpapan
PEATMOSS — 600 bls, 100 sks, Sherman T Blake & Co, Parthenia, Glasgow
250 bls, Dinteldijk, Rotterdam
500 bls, Domestic & Foreign Discount Corpn, Tacoma, Antwerp
PEPPER, BLACK—81 sks, H M Newhall & Co, Silverbelle, Oosthaven
WHITE—86 sks, A J Fuller & Co, Silverbelle, Pangkai Pinang
PIMENTO—20 sks, Barclays Bank, Dinteldijk, Kingston
TANKAGE—200 sks, Manoa, Honolulu
TAPIOCA FLAKE, DUST—33 sks, American Trust Co, Silverbelle, Sourabaya
FLOUR—491 sks, American Trust Co, Silverbelle, Sourabaya
425 sks, Silverbelle, Sourabaya
100 sks, Hoyt, Shepston & Sciaroni, Silverbelle, Batavia (for Oakland)
PEARL—67 sks, American Trust Co, Silverbelle, Sourabaya
SEED—120 sks, American Trust Co, Silverbelle, Sourabaya
WAX, OZOKERITE—16 sks, L H Butcher Co, Dinteldijk, London

Seattle Imports

CHALK, GROUND—20 sks, Agner & Frederickson, Seattle, Antwerp
MUSTARD—50 dms, Atlantis Sales Corp, Delftdijk, London
PEATMOSS—200 bls, H Chr Jacobson, Delftdijk, Rotterdam
PETROLEUM, REFD—25 dms, Seattle, Hamburg
PIMENTO—30 sks, Barclays Bank, Erria, Kingston
SILVERSAND—250 tons, Balfour, Guthrie & Co, Oregon, Antwerp

Tacoma Imports

GUM, DAMMAR—210 sks, Granville, Singapore
POTASH, CHLORATE—300 dms, C W Campbell & Co, Seattle, Antwerp

Tampa Imports

COCONUTS—18 sx, Laguna, Belize
3,000, Berlanga, Roatan

Exports from U.S. Ports

New York Exports

Clearance Dates

Aaro, July 31; Alex Van Opstal, August 2; Amapala, August 4; American Shipper, July 28; Ancon, July 27; Antigua, July 15, 29; Argentina, July 28; Atlantida, July 28; Bergensfjord, July 18; Black Hawk, August 5; Borinquen, August 3; Cameronia, July 31; Challenger, July 29; Chattanooga City, July 26; Chiriqui, July 29; City of Dalhart, July 22; Coamo, July 27; Conte Savoia, August 4; Deutschland, July 19; Donpaco, August 7; Exminster, July 29; Ferndale, July 29; Fort Amherst, July 29; Haalegg, July 28; Hamharen, July 28; Hokkai, July 27; Ivaran, July 19; Jamaica, August 2; Jean Jadot, July 26; Kirisima, August 3; Leif, August 4; Mandu, July 31; Mauretania, July 29; Musa, July 21; Nosiro, July 31; Oriente, July 28; Pastores, July 7, August 4; Ponce, July 28; President Harding, August 2; Santa Clara, August 4; Santa Inez, July 23; Santa Rosa, July 28; Scanstates, July 28; Siboney, July 27; Tancred, July 29 Tosan, August 1 Volendam, July 29; Ward, July 29

ACETONE—2,490 lbs, Bergensfjord, Oslo
ACID—4,216 lbs, Ponce, San Juan
MURIATIC—4,632 lbs, Jamaica, Kingston
STEARIC—6,120 lbs, Ward, Sydney
TARTARIC—506 lbs, Borinquen, San Juan
VANADIC—11,045 lbs, Conte di Savoia, Genoa
ALUMINA, SULPHATE—49,412 lbs, Santa Rosa, Barranquilla 20,200 lbs, Coamo, San Juan
AMMONIA, ANHYD—1,627 lbs, Chiriqui, Porto Barrios; 22,618 lbs, Siboney, Vera Cruz
SULPHATE—4,032 lbs, Coamo, Ciudad Trujillo
ASPHALT—124,110 lbs, Tancred, Shanghai; 22,545 lbs, Scanstates, Riga
EMULSIFIED—59,127 lbs, American Shipper, Liverpool
LIQUID — 11,081 lbs, American Shipper, Liverpool; 44,862 lbs, Exminster, Casablanca; 17,297 lbs, Alex Van Opstal, Antwerp
SOLID—48,927 lbs, American Shipper, Manchester
BLUE, LAUNDRY—5,427 lbs, Antigua, Limon
VITRIOL—60,600 lbs, Atlantida, Kingston; 111,100 lbs, Amapala, Kingston
BUTYL ACETATE—878 lbs, Scanstates, Gothenburg
CALCIUM, CARBIDE—(Amapala) 5,300 lbs, Santiago; 10,600 lbs, Guantamano
CHALK—15,432 lbs, Antigua, Havana
PRECIPITATED—226,000 lbs, Siboney, Vera Cruz
CHEMICALS—(Black Hawk) 9,055 lbs, Antwerp; 1,030 lbs, Rotterdam; 5,160 lbs, American Shipper, Liverpool; 2,820 lbs, Volendam, Rotterdam; 10,247 lbs, Cameronia, Glasgow
CHLORINE—45,218 lbs, Santa Inez, Callao
CLAY—80,000 lbs, Bergensfjord, Oslo; 12,000 lbs, Hammaren, Helsingborg
COLOR, DRY—17,340 lbs, Jamaica, Barranquilla; 2,750 lbs, Musa, Puntarenas
CORN FLOUR—745 lbs, Pastores, Porto Barrios; 6,900 lbs, American Shipper, Funchal; 6,538 lbs, Cameronia, Glasgow; 212,250 lbs, Ivaran, Shanghai; 44,909 lbs, Jamaica, Barranquilla; 1,880 lbs, Ferndale, Horta; 1,000 lbs, Musa, Guayaquil; 334 lbs, Pastores, Porto Barrios
SUGAR—10,150 lbs, West Cusseta, Leith
SYRUP—(Tancred) 31,350 lbs, Cebu; 450 lbs, Cebu; 52,520 lbs, Shanghai; 2,521 lbs, Pastores, Porto Barrios; (Hammaren) CORN SYRUP—4,598 lbs, Abo; 37,884 lbs, Helsingborg; (Challenger) 1,425 lbs, Durban; 856 lbs, Lourenco Marques; 143 lbs, Beira; 11,613 lbs, Ancon, Panama; 1,568 lbs, Ivaran, Shanghai; 1,426 lbs, Jamaica, Barranquilla; 3,840 lbs, City of Dalhart, Honolulu; 2,266 lbs, Musa, Panama; 3,898 lbs, Antigua, Limon
CYANAMID—163,200 lbs, Pastores, Porto Cortes
CYAMIDE—1,095 lbs, Ponce, San Juan
DEXTRIN—2,020 lbs, Antigua, Havana
CORN—6,390 lbs, Bergensfjord, Oslo
DICHLORODIFLUOROMETHANE — 8,040 lbs, Siboney, Vera Cruz; 3,298 lbs, American Shipper, Manchester; 3,853 lbs, Ward, Sydney; 1,070 lbs, Scanstates, Helsingfors
DYES—6,026 lbs, Santa Clara, Guayaquil; 15,188 lbs, Jean Jadot, Antwerp; (Volendam) 5,614 lbs, Rotterdam; 1,301 lbs, Bergen
DYEWOOD EXTRACT—3,825 lbs, Conte Savoia, Genoa; 2,850 lbs, American Shipper, Liverpool
ETHYL FLUID—3,460 lbs, Exminster, Algiers
ETHYLENE CHLORIDE—1,680 lbs, City of Dalhart, Haiphong
DICHLORIDE—164,016 lbs, Josan, Yokohama
FERTILIZER—10,000 lbs, Haalegg, St Vincent
GASOLINE—5,000 gls, Mandu, Santos
GLASS, WINDOW—10,803 lbs, Chiriqui, Santiago
GLUCOSE, SOLID—1,015 lbs, Ward, Fremantle
GLUE—515 lbs, Ponce, Ponce; 256 lbs, Coamo, San Juan
DRY—20,685 lbs, Volendam, Amsterdam
VEGETABLE—(Challenger) 2,228 lbs, Mossel Bay; 2,640 lbs, Durban
GREASE, LUBRIC—29,740 lbs, Conte Savoia, Genoa; (Kirisima) 23,043 lbs, Yokohama; 61,469 lbs, Osaka; 8,062 lbs, Tancred, Iloilo; 22,662 lbs, Santa Clara, Chanaral; 1,896 lbs, Hammaren, Malmo; 2,728 lbs, Chiriqui, Santiago; (Argentina) 2,291 lbs, Montedivео; 2,050 lbs, Corumba; (Volendam) 14,165 lbs, Antwerp; 5,975 lbs, Amsterdam; (Challenger) 4,605 lbs, Capetown; 17,212 lbs, Port Elizabeth; 295 lbs, East London; 3,376 lbs, Durban; 88,325 lbs, Lourenco Marques; 6,614 lbs, Beira; 2,845 lbs, Dar Salaam; 2,610 lbs, Mombasa; (Hokkai) 18,665 lbs, Yokohama; 22,750 lbs, Tientsin; (Ward) 2,232 lbs, Sydney; 16,169 lbs, Melbourne; 2,020 lbs, Adelaide; 4,570 lbs, Fremantle; (Ivaran) 136,200 lbs, Manila; 2,166 lbs, Iloilo; 9,315 lbs, Cebu; 6,010 lbs, Tosan, Takao; (Nosiro) 455,998 lbs, Yokohama; 433,945 lbs, Kobe; (Chattanooga City) 11,226 lbs, Karachi; 11,404 lbs, Madras; (Frendale) 1,135 lbs, Casablanca; 28,910 lbs, Alexandria; 6,155 lbs, Istanbul; 4,480 lbs, Examinster, Algiers; 36,479 lbs, Deutschland, Hamburg; 35,875 lbs, Mauretania, Southampton; (City of Dalhart) 1,998 lbs, Honolulu; 49,690 lbs, Manila; 12,627 lbs, Cebu; 34,359 lbs, Haiphong; 6,982 lbs, Hongkong; 3,636 lbs, Shanghai; 2,352 lbs, Musa, Santa Marta; 16,677 lbs, Bergensfjord, Oslo; (Scanstates) 1,766 lbs, Gothenburg; 536 lbs, Viipuri; 4,806 lbs, Copenhagen; 1,048 lbs, Malmo; (Antigual) 3,048 lbs, Havana; 246 lbs, Limon
INK, PRINTING—6,816 lbs, Conte Savoia, Genoa
INSECTICIDE—30,305 lbs, Santa Rosa, Maracaibo; 7,388 lbs, Argentina, Buenos Aires; (Challenger) 9,584 lbs, Port Elizabeth; 45,879 lbs, Lourenco Marques; 11,080 lbs, Beira
AGRICULTURAL—6,973 lbs, American Shipper, Manchester
HOUSEHOLD—(Chattanooga City) 20,520 lbs, Bombany; 8,360 lbs, Madras

IRON OXIDE—45,414 lbs, Laconia, Liverpool
LACQUER—(Argentina) 5,287 lbs, Rio de Janeiro; 3,662 lbs, Santos; 5,689 lbs, Buenos Aires; 3,902 lbs, Challenger, Mombasa
LIQUID—4,554 lbs, Hammaren, Stockholm
THINNER — 1,650 gls, Argentina, Buenos Aires
LARD—13,800 lbs, Atlantida, Santiago; 16,400 lbs, Black Hawk, Antwerp; 30,000 lbs, Santa Rosa, Maracaibo; 6,200 lbs, Hammaren, Gothenburg; 8,000 lbs, Chiriqui, Banes; (American Shipper) 34,310 lbs, Glasgow; 127,000 lbs, Liverpool; 208,367 lbs, Manchester; 19,588 lbs, Laconia, Liverpool; 39,250 lbs, Jamaica, Barranquilla; 226,500 lbs, Mauretania, Southampton; (Aaro) 31,050 lbs, Caibarien; 36,492 lbs, Manzanillo; 29,920 lbs, Camaguey; 16,325 lbs, Antigua, Banes; 63,500 lbs, Aquitania, Southampton
LEAD, ARSENATE—12,844 lbs, Argentina; 7,459 lbs, Musa, Buenaventura
RED—11,820 lbs, Tancred, Manila
WHITE—360,150 lbs, Tancred, Manila
LINSEED CAKE—(Black Hawk) 3,494,539 lbs, Antwerp; 225,498 lbs, Rotterdam-Amsterdam; 3,246,351 lbs, Jean Jadot, Antwerp; (Volendam) 1,350 lbs, Antwerp; 463,046 lbs, Rotterdam; (President Harding) 742,422 lbs, Havre; 957,969 lbs, Hamburg; 2,185,193 lbs, Alex Van Opstal, Antwerp
LITHIUM CARBONATE—543 lbs, Kirisima, Yokohama
MAGNESIA OXIDE—1,212 lbs, Ponce, San Juan
SILICATE — 68,000 lbs, President Harding, Havre
NAPHTHA—(Mandu) 5,790 gls, Rio de Janeiro; 3,000 gls, Santos
OIL, CASTOR—8,260 lbs, Tancred, Manila; 300 lbs, Ponce, San Juan; (Chiriqui) 1,020 lbs, Porto Cortes; 561 lbs, Porto Barrios; 4,015 lbs, Jamaica, Barranquilla
COALTAR—3,920 lbs, Chiriqui, Porto Barrios
COCONUT—4,696 lbs, Pastores, Porto Barrios
COOKING—345 lbs, Chiriqui, Banes
CORN—150 lbs, Tancred, Manila; 7,016 lbs, Ponce, San Juan; (Challenger) 2,913 lbs, Capetown; 3,297 lbs, East London; 4,723 lbs, Durban; 12,196 lbs, Lourenco Marques; 1,810 lbs, Beira; 654 lbs, Haalegg, St Thomas; 29 lbs, Musa, Panama
DIESEL—3,000 gls, Donpaco, Donnacona
EDIBLE—3,365 lbs, Pastores, Porto Barrios; 5,776 lbs, Chiriqui, Porto Barrios; (Antigua) 1,575 lbs, Porto Barrios; 3,750 lbs, Limon
ESSENTIAL—1,478 lbs, Antigua, Havana
FISH—1,295 lbs, Jean Jadot, Antwerp
FLOTATION—1,100 gls, Santa Inez, Callao; 6,160 gls, Melbourne
LUBRICATING—(Santa Rosa) 2,500 gls, Colombo; 2,075 gls, Porto Cabello; 1,160 gls, Maracaibo; 4,475 gls, Oriente, Havana; (Santa Clara) 1,540 gls, Pisco; 2,200 gls Salaverry; 13,210 gls, Antofagasta; 3,300 gls, Chanaral; 3,575 gls, Leif, Ciudad Trujillo; (Hammaren) 2,750 gls, Gothenburg; 1,265 gls, Malmo; 250 gls, Stockholm; 2,695 gls, Helsingfors; (Mandu) 46,965 gls, Rio Janeiro; 68,600 gls, Santos; 1,100 gls, Rio Grande; 28,035 gls, Siboney, Vera Cruz; 1,925 gls, Jean Jadot, Antwerp; (American Shipper) 5,040 gls Glasgow; 39,910 gls, Liverpool; 6,930 gls, Manchester; (Argentina) 2,750 gls, Montevideo; 750 gls, Corumba; (Volendam) 2,750 gls, Strassbourg; 5,250 gls, Antwerp; 27,500 gls, Rotterdam; 17,446 gls, Amsterdam; 6,600 gls, Port Amherst, Halifax; (Challenger) 1,100 gls, Capetown; 1,610 gls, Port Elizabeth; 310 gls, East London; 17,085 gls, Durban; 13,550 gls, Lourenco Marques; 920 gls, Beira; 12,575 gls, Dar Salaam; 2,000 gls, Tanga; 43,815 gls, Mombasa; (Hokkai) 10,450 gls, Yokohama; 14,300 gls, Kobe; 5,040 gls, Cameronia, Glasgow; Santa Inez, 3,300 gls, Cristobal; 2,750 gls, Pisco (Ward) 275 gls, Brisbane; 83,215 gls, Sydney 66,770 gls, Melbourne; 3,025 gls, Adelaide; 73,920 gls, Fremantle; (Ivaran) 6,095 gls, Manila; 350 gls, Iloilo; 1,075 gls, Cebu; (Tosan) 18,115 gls, Takao 21,120 gls, Kobe; 6,765 gls, Nosiro, Yokohama; (Chattanooga City) 12,495 gls, Madras; 25,295 gls, Calcutta; 1,100 gls, Aden; 1,100 gls, Bombay/Calcutta; (Ferndale) 6,765 gls, Lisbon; 1,360 gls, Casablanca; 15,510 gls, Alexandria; 880 gls, Haifa; 275 gls, Tel Aviv; (Exminster) 485 gls, Oran; 4,409 gls, Algiers; 3,190 gls, Tunis; 22,890 gls, Deutschland, Hamburg; 9,360 gls, Laconia, Liverpool; 780 gls, Alex Van Opstal, Antwerp; 935 gls, Haalegg, St Thomas; 9,900 gls, Mauretania, Southampton; (City of Dalhart) 7,920 gls, Honolulu; 6,290 gls, Cebu; 19,525 gls, Hafphong; 3,740 gls, Antigua, Porto Barrios; (Pastores) 8,250 gls, Tela; 3,960 gls, Porto Barrios; (Bergensfjord) 1,214 gls, Trondhjem; 12,894 gls, Bergen; 41,710 gls, Oslo; 7,205 gls, Scanstates, Malmo; 5,376 gls, Conte Savoia, Genoa; (Kirisima) 43,890 gls, Yokohama; 2,750 gls, Moji; 41,580 gls, Osaka; 17,325 gls, Kobe; (Tancred) 150 gls, Iloilo; 17,050 gls, Shanghai; 3,575 gls, Black Hawk, Antwerp
OLEO — 59,163 lbs, Volendam, Rotterdam; 54,512 lbs, Alex Van Opstal, Antwerp; 4,787 lbs, Scanstates, Copenhagen
PINE—1,797 lbs, Mandu, Santos; 34,128 lbs, Challenger, Beira
RAYON—49,500 lbs, Conte di Savoia, Genoa; (Hammaren) 23,721 lbs, Gothenburg; 23,690 lbs, Stockholm; 23,511 lbs, Malmo
SULPHONATED—2,075 lbs, American Shipper, Manchester
TRANSFORMER—1,800 gls, Siboney, Vera Cruz; 3,960 gls, Hokkai, Yokohama
VEGETABLE—9,284 lbs, Antigua, Havana
PAINT—6,109 lbs, Ponce, Ponce; 3,656 lbs, Borinquen, San Juan; 20,040 lbs, Pastores, Porto Barrios; 1,276 lbs, Hammaren, Gothenburg; (Argentina) 1,242 lbs, Rio de Janeiro; 11,446 lbs, Buenos Aires; 3,960 lbs, Challenger, Port Elizabeth; 7,386 lbs, Jamaica, Barranquilla; 946 lbs, Ferndale, Lisbon; 2,780 lbs, Aaro, Cienfuegos; 9,492 lbs, Pastores, Tela
THINNER—(Mandu) 10,000 gls, Rio de Janeiro; 34,000 gls, Santos; 2,750 gls, Scanstates, Copenhagen
PARAFFIN — (Santa Rosa) 50,286 lbs, Colombia; 67,812 lbs, Maracaibo; 45,245 lbs, Santa Clara, Bolivia; 20,158 lbs, Leif, Macoris; (Pastores) 20,201 lbs, Retalheu; 20,201 lbs, Guatemala; 11,110 lbs, Porto Barrios; 22,231 lbs, Hammaren, Memel; 40,401 lbs, Chiriqui, Retalheu; (American Shipper) 36,493 lbs, Glasgow; 24,021 lbs, Manchester; 101,862 lbs, Volendam, Antwerp; 24,160 lbs, Santa Inez, Salaverry; 22,200 lbs, Jamaica, Barranquilla; 33,030 lbs, Laconia, Liverpool; 71,323 lbs, Aaro, Cienfuegos; 11,100 lbs, Pastores, Porto Barrios; 11,300 lbs, Musa, Puntarenas; (Antigua) 60,602 lbs, Retalheu; 55,594 lbs, Havana; 55,848 lbs, Limon; (Bergensfjord) 4,448 lbs, Bergen; 30,240 lbs, Oslo
PECTIN, POWD—1,000 lbs, American Shipper, Manchester
PETROLEUM, REFD—30,000 gls, Amapala, Kingston; 3,000 gls, Mandu, Santos
PHENOL, BUTYL—10,184 lbs, Laconia, Liverpool
POTASH BICHROMATE—2,705 lbs, Challenger, Port Elizabeth; 2,770 lbs, Bergensfjord, Oslo; 7,454 lbs, Scanstates, Helsingfors
CHLORATE—1,080 lbs, Challenger, Capetown
RESIN, COALTAR—2,898 lbs, American Shipper, Liverpool
SYNTHETIC—3,949 lbs, American Shipper, Manchester; 7,688 lbs, Scanstates, Stockholm
ROSIN—1,239 lbs, Argentina, Buenos Aires; 3,395 lbs, Ward, Fremantle
SOAP—15,000 lbs, Tancred, Manila; 56,575 lbs, Borinquen, San Juan; 10,400 lbs, Argentina, Rio de Janeiro; 10,600 lbs, Coamo, San Juan
LAUNDRY—32,540 lbs, Ivaran, Manila
TOILET — 196,180 lbs, Volendam, Amsterdam; 27,350 lbs, Ivaran, Manila
SODA, ASH—25,972 lbs, Challenger, Durban; 286,475 lbs, Santa Inez, Callao; 978 lbs, Jamaica, Belize
BICARBONATE—10,100 lbs, Pastores, Porto Barrios; 89,145 lbs, Siboney, Vera Cruz; 2,020 lbs, Antigua, Porto Barrios
BICHROMATE—12,148 lbs, Mandu, Rio de Janeiro; 3,878 lbs, Challenger, Port Elizabeth
CAUSTIC — 12,560 lbs, Tancred, Manila; (Santa Clara) 45,118 lbs, Buenaventura; 35,575 lbs, Talara; 5,007 lbs, Pastores, Porto Barrios; 573,490 lbs, Mandu, Santos; (Chiriqui) 215,400 lbs, Santiago; 14,380 lbs, Porto Barrios; 160,175 lbs, Siboney, Vera Cruz; 9,610 lbs, Challenger, Durban; 104,910 lbs, Ancon, Mazatlan; (Ivaran) 171,958 lbs, Hongkong; 459,006 lbs, Shanghai; 2,154 lbs, Jamaica, Belize; (Antigua) 16,531 lbs, Porto Barrios; 2,616 lbs, Limon
CYANIDE—11,206 lbs, Santa Rosa, Medellin; 2,400 lbs, Pastores, Porto Barrios; 3,840 lbs, Pastores, Porto Barrios
HYDROSULPHATE—1,136 lbs, Tancred, Manila
HYDROSULPHITE — 1,458 lbs, Hokkai, Tientsin
PHOSPHATE, DI — 3,510 lbs, Argentina, Buenos Aires
PHOSPHATE, TRI—4,465 lbs, Hammaren, Gothenburg; (American Shipper) 7,125 lbs, Liverpool; 11,389 lbs, Manchester
PYROPHOSPHATE — 7,512 lbs, Volendam, Antwerp
SILICATE—2,200 lbs, Black Hawk, Antwerp; 3,220 lbs, Pastores, Porto Barrios; 11,360 lbs, Oriente, Havana
STARCH, CORN—(Tancred) 300 lbs, Cebu; 1,334 lbs, Hongkong; (Ponce) 3,538 lbs, Ponce; 3,838 lbs, Mayaquez; 200 lbs, Aquadilla; 2,000 lbs, Chiriqui, Santiago; (Challenger) 4,000 lbs, East London; 1,502 lbs, Lourenco Marques; 4,600 lbs, Ancon, Panama; 268 lbs, Ivaran, Shanghai; 282 lbs, Haalegg, St Thomas; 2,000 lbs, Aaro, Caibarien; (Antigua) 4,475 lbs, Santiago; 20,234 lbs, Havana; 5,512 lbs, Scanstates, Skien
INEDIBLE—2,525 Antigua, Havana
RICE—230 lbs, Atlantida, Santiago
SULPHUR—66,880 lbs, Siboney, Vera Cruz
TALC—5,600 lbs, Cameronia, Glasgow; 67,200 lbs, Laconia, Liverpool; 61,200 lbs, Mauretania, Southampton
TRIPHENYL—19,075 lbs, American Shipper, Liverpool
TURPENTINE—500 gls, Ward, Fremantle
VARNISH—780 lbs, Argentina, Buenos Aires; 3,580 lbs, Bergensfjord, Fredrikstad
WITCH HAZEL EXTRACT—497 lbs, Ward, Adelaide

Baltimore Exports
Clearance Dates

Artigas, August 3; Belize, August 3; Black Falcon, August 7; Blommersdijk, August 3; City of Roubaix, August 7; Exhibitor, August 4; Malayan Prince, August 5; Manchester Brigade, August 2; San Vincente, August 5

ACID, CHROMIC—..Black Falcon) 2,640 lbs, Antwerp; 2,200 lbs, Rotterdam
ADHESIVE PASTE—2,368 lbs, Mormacmar, Buenos Aires
ASPHALT, LIQUID—51,648 lbs, Artigas, London
SOLID—218,602 lbs, Manchester Brigade, Liverpool
CEMENT, LIQ—16,723 lbs, Mormacmar, Buenos Aires
CHEMICALS—240 lbs, Manchester Brigade, Bellingham
DEODORIZER—83 lbs, Malayan Prince, Manila
ETHYL CHLOROCARBONATE—200 lbs, Artigas, London; 640 lbs, Black Falcon, Rotterdam
GREASE, LUBRIC—30,000 lbs, Artigas, London; 15,797 lbs, Blommersdijk, Rotterdam; 10,462 lbs, San Vincente, Chile
GYPSUM—500 lbs, Mormacmar, Buenos Aires
INSECTICIDE—6,617 lbs, Exhibitor, Istanbul
NICOTINE SULPHATE—2,000 lbs, Mormacmar, Buenos Aires
OIL, LUBRICATING—761 bbls, Manchester Brigade, Liverpool; 927 gls, Blommersdijk, Rotterdam
WOOD—35,099 lbs, Artigas, London
OYSTER SHELLS CRSHD—44 tons, Manchester Brigade, St John, N B
PAINT—1,104 lbs, San Vincente, Panama
PARAFFIN—52,256 lbs, Blommersdijk, Rotterdam
POLISH—175 lbs, San Vincente, Chile
PORCELAIN ENAMEL FRIT—2,400 lbs, Mormacmar, Sao Paulo
RUBBING COMP—3,000 lbs, Artigas, London
SAND, PREP—2,000 lbs, Artigas, London
SASSAFRAS BARK—1,065 lbs, Artigas, London
SODA ASH—224,070 lbs, City of Roubaix, Shanghai
CAUSTIC—224,079 lbs, City of Roubaix, Hongkong; 220,500 lbs, Mormacmar, Buenos Aires
SOLDERING SALT—864 lbs, Mormacmar, Buenos Aires
SUPERPHOSPHATE — 5,601,440 lbs, Belize, Windsor, N S
TALLOW—..San Vincente) 8,372 lbs, Mexico; 10,588 lbs, Santiago, D R
UREA—2,205 lbs, Mormacmar, Santos
WILDCHERRY BARK—2,170 lbs, Artigas, London

Boston Exports
Clearance Dates

American Importer, August 6; Carrillo, August 7; Evangeline, August 7; Excalibur, August 10; Maidan, August 5; President Polk, August 7; Schodack, August 4; Svaneholm, August 5; Tagati, August 9

ALUMINA OXIDE—270 bgs, 25 kegs, 74,067 lbs, Schodack, La Courneuve; 1,670 bgs, 46 kegs, 2 bxs, 180,877 lbs, Maidan, London
SULPHATE — 286 bgs, 25 tons, Carrillo, Cardenas; 100 tons, 200,000 lbs, Tagati, Brooklyn, N S
ANIMAL DIP—20 dms, 1,100 gls, President Polk, Manila
CEMENT, CAN—11 dms, 55 gls, President Polk, Yokohama
RUBBER—7 dms, 375 gls, President Polk, Manila
CLAY—186 bbls, 22 tons, Maidan, London
CLEANER—1 crtn, 10 lbs, President Polk, Honolulu
DRESSING, LEATHER—11 kegs, 987 lbs, Maidan, London; 2 bbls, 70 gls, President Polk, Manila
FELDSPAR—165 bbls, 6,000 lbs, Schodack, Argenteuil
GELATIN, EDIBLE—1 bbl, 274 lbs, President Polk, Kahului
GREASE, RING—1 cs, 60 lbs, Excalibur, Haifa
INK, DUPLICATOR—6 cs, 72 gls, President Polk, Hilo
PRINTING—150 dms, 66,281 lbs, American Importer, Dundee; (President Polk) 5 dms, 1,248 lbs, Penang; 15 dms, 4,174 lbs, Singapore
WRITING—1 cs, President Polk, Manila
INSECTICIDE—3 dms, 165 gls, President Polk, Honolulu
LACQUER—1 bx, 18 lbs, Maidan, London
LINING COMP—51 dms, 1,119 gls, Schodack, Havre
MEDICINAL PREPS—2 cs, 2 crtns, 133 lbs, President Polk, Honolulu
OIL, FISH—5 bbls, 2,232 lbs, Carrillo, Havana
HALIBUT LIVER—8 cs, 592 lbs, Maidan, London
RAYON—10 dms, 534 gls, Schodack, Calais
PAINT—3 pkgs, 100 lbs, Evangeline, Yarmouth
ASPHALT—10 bxs, 780 lbs, President Polk, Manila
PARAFFIN—51 bgs, 11,220 lbs, Svaneholm, Memel
PASTE, ADHES—24 dms, 1 cs, 1,286 lbs, Schodack, Havre; 3 cs, 432 lbs, President Polk, Manila
PHTHALIC ANHYDRIDE—1,120 bgs, 112,000 lbs, American Importer, Liverpool
POLISH—2 dms, 100 gls, Svaneholm, Stockholm
SOAP, FLAKE—(President Polk) 20 cs, 668 lbs, Hilo; 75 cs, 1,670 lbs, Honolulu
MEDICATED—2 cs, 326 lbs, President Polk, Honolulu
POWDER—(President Polk) 100 cs, 3,788 lbs, Nawiliwili; 1,800 cs, 67,920 lbs, Honolulu; 100 cs, 3,788 lbs, Kahului; 200 cs, 7,510 lbs, Hilo; 10 bbls, 2,000 lbs, Manila
TAR—(President Polk) 125 cs, 2,812 lbs, Hilo; 100 cs, 2,250 lbs, Honolulu; 20 cs, 450 lbs, Kahului
TOILET—(President Polk) 150 cs, 3,562 lbs, Kahului; 250 cs, 5,937 lbs, Hilo; 1,000 cs, 23,750 lbs, Honolulu; 50 cs, 1,187 lbs, Port Allen; 100 cs, 2,375 lbs, Nawiliwili

Corpus Christi Exports
Clearance Dates

Athelviking, July 27; Barbro, July 30; Languedoc, July 27

OIL, GAS—36,515 bbls, Barbro, Amsterdam
PETROLEUM, CRUDE—110,550 bbls, Languedoc, Havre; 9,016 bbls, Athelviking, Durban

Galveston Exports
Clearance Dates

Chr Th Boe, August 8; Frankfurt, August 7; Lagaholm, August 3; Stella Lykes, August 3; Madoera, August 5; Nishmaha, August 3; Seirstad, August 8

BLACK, CARBON—29 tons, Nishmaha, Genoa; 187 cs, Madoera, Durban
OIL, GAS—3,500 tons, Seirstad, Whitebooth Roads, U K; 9,100 tons, Chr Th Boe, Coryton
POTASH—101 tons, Stella Lykes, San Juan
SULPHUR—944 tons, Lagaholm, Ortviken; 600 tons, Madoera, Calcutta; 3,500 tons, Frankfurt, Auckland

Houston Exports
Clearance Dates

Cymbeline, August 3; Eglantine, August 4; Frankfurt, August 4; Havprins, August 3; Laurent Meeus, August 4; Sommerstad, August 2

BLACK, CARBON—8 cs, Frankfurt, Wellington; (Eglantine) 3,644 bgs, 215 cs, Liverpool; 5,924 bgs, Manchester; 12,419 bgs, Liverpool/Manchester
GASOLINE—3,500 tons, Laurent Meeus, Amsterdam
OIL, DIESEL—900 tons, Cymbeline, London
FUEL—2,000 tons, Cymbeline, London
GAS—3,500 tons, Sommerstad, Antwerp; 5,900 tons, Cymbeline, London; 3,500 tons, Laurent Meeus, Amsterdam/Ertvelde
LUBRICATING — 5,137 tons, Sommerstad, Antwerp
PETROLEUM, CRUDE—95,000 bbls, Havprins, Montreal

Lake Charles Exports
Clearance Dates

American Press, August 1; Genevieve Lykes, July 30; Polycastle, August 1; Rapallo, August 8

PETROLEUM, CRUDE—95,104 bbls, Polycastle, Montreal; 54,944 bbls, Rapallo, Venice
ROSIN—(American Press) 105 dms, Buenaventura; 10 dms, Puntarenas; 77 dms, Panama City; 10 dms, Pimentel; 458 dms, Maracaibo
SALT—(Genevieve Lykes) 300 pkgs, San Juan; 100 ctns, Mayaguez

Los Angeles Exports
Clearance Dates

Abraham Lincoln, August 2; Anna Maersk, July 31; Argyll, July 29; Bramora, July 31; Brimanger, August 3; Cellina, July 29; City of Los Angeles, July 31; Columbia Star, July 31; Delhi, July 31; Gracia, July 28; Griffco, July 26; Hardanger, July 24; Heiyo, July 26; Ida Bakhe, July 28; Irisbank, July 26; Kanawha, July 22; La Placentia, July 27; Lochgoil, July 29; Maui, July 24; Moldanger, July 22; Monterey, July 19; Montreal, July 29; Mosfruit, July 27; Oakland, July 21; Pacific President, July 21; Pacific Ranger, July 19; Pacific Reliance, August 2; Parthenia, July 27; Pericles, July 29; Peter Lassen, July 25; President Cleveland, July 24; Richmond, July 31; San Diego, July 24; Steel Mariner, July 24; Tatuta, July 24; Thorshavn, August 1; Tornus, July 25; Trinity, July 21; Wisconsin, July 31

ACETONE—92 dms, 32,940 lbs, San Diego, Antwerp; 168 dms, 55,930 lbs, Pacific President, London; 94 dms, 33,650 lbs, Lochgoil, Amsterdam
ACID, BORIC—130 pkgs, 25,330 lbs, Maui, Havana; 1,400 bgs, 156,800 lbs, Ida Bakke, Liverpool; (San Diego), 140 bgs, 15,440 lbs, Rotterdam; 200 bgs, 22,050 lbs, Antwerp; 122 bgs, 13,660 lbs, Monterey, Melbourne; (Columbia Star) 200 bgs, 22,400 lbs, London; 1,400 bgs, 156,800 lbs, Liverpool; 200 bgs, 22,400 lbs, Rotterdam; (Abraham Lincoln) 2,000 bgs, 224,000 lbs, 2,150 bgs, 246,400 lbs, London, Liverpool; 22 pkgs, 2,450 lbs, Pacific Reliance, Vancouver
CRESYLIC—2 dms, 880 lbs, Lochgoil, Amsterdam
ALCOHOL, BUTYL—120 dms, 44,290 lbs, Montreal, Osaka
ASPHALT—19 bbls, 9,040 lbs, Lochgoil, London
BORATE—(San Diego) 13,951 bgs, 2,148,360 lbs, Dunkirk; 1,840 bgs, 215,840 lbs, Strassbourg; 6,807 bgs, 1,105,170 lbs, Wisconsin, Rotterdam; 5,159 bgs, 842,580 lbs, Abraham Lincoln, London
BORAX—355 bgs, 35,500 lbs, Maui, Havana; 640 bgs, 89,600 lbs, Ida Bakke, Liverpool; (San Diego) 2,400 bgs, 280,000 lbs, Havre; 591 bgs, 66,190 lbs, Rotterdam; 3,351 bgs, 379,790 lbs, Antwerp; 2,140 bgs, 239,680 lbs, Oakland, Antwerp; 364 bgs, 44,130 lbs, San Diego, Oporto; 180 bgs, 20,160 lbs, Monterey, Melbourne; 500 bgs, 56,620 lbs, Anna Maersk, Shanghai; (Columbia Star) 2,360 bgs, 280,000 lbs, London; 3,440 bgs, 403,200 lbs, Liverpool; 2,000 bgs, 224,000 lbs, Newcastle; 6,807 bgs, 1,105,170 lbs, Wisconsin, Rotterdam; 690 bgs, 77,280 lbs, Tokai, Rotterdam; (Cellina) 1,968 bgs, 220,420 lbs, Celje; 500 bgs, 56,000 lbs, Istanbul; 394 bgs, 44,130 lbs, Brimanger, Ronneby; 3,800 bgs, 425,600 lbs, Abraham Lincoln, London; 275 pkgs, 27,860 lbs, Pacific Reliance, Vancouver
GRANULAR—493 bgs, 55,220 lbs, Brimanger, Antwerp
BUTYL ACETATE—2 dms, 790 lbs, Pacific Ranger, Calgary
CATTLE HOOFS—1,361 bgs, 96,000 lbs, Tatuta, Osaka
CHEMICALS—340 lbs, Monterey, Melbourne
CLAY, BLEACHING — 1,000 lbs, Pacific Ranger, Vancouver
FILTER—400 sx, 20,000 lbs, Cellina, Marseilles
GROUND—250 dms, 69,440 lbs, Pacific President, Liverpool; 12 dms, 3,600 lbs, Lochgoil, Maracaibo; 80 sx, 4,000 lbs, Pacific Reliance, Vancouver; 110 sx, 11,200 lbs, President Harrison, Pangkalan Brandan
CLEANER—3,080 lbs, President Cleveland, Hongkong; 30 dms, 12,960 lbs, Monterey, Melbourne; 450 lbs, Pacific Ranger, Vancouver
COTTON LINTERS—622 bls, 295,680 lbs, Pacific President, Manchester
DIATOMACEOUS EARTH—20 bgs, 2,000 lbs, Parthenia, Vancouver; 10 bgs, 400 lbs, Gracia, London; 750 sx, 75,000 lbs, Heiyo, Salaverry; 1,500 bgs, 150,000 lbs, Maui, Havana; 110 bgs, 11,280 lbs, Steel Mariner, Liverpool; 1,102 bgs, 110,200 lbs, San Diego, Dunkirk; 246 bgs, 20,050 lbs, Oakland, Hamburg; (Monterey) 180 bgs, 11,250 lbs, Sydney; 290 bgs, 220,000 lbs, Melbourne; 1,228 bgs, 123,370 lbs, Pacific President, London; (Moldanger) 268 bgs, 25,080 lbs, Havre; 216 bgs, 22,140 lbs, Antwerp; (Lochgoil) 50 bgs, 4,420 lbs, 486 bgs, 44,710 lbs, Liverpool; 132 sx, 13,000 lbs, Wisconsin, Valparaiso; [illegible] bgs, 81,500 lbs, Marseilles; 108 bgs, 11,070 lbs, Casablanca
ETHYL KETONE—150 dms, 52,180 lbs, Mosfruit, London; 106 dms, 38,790 lbs, San Diego, Havre; 90 dms, 32,940 lbs, Lochgoil, Amsterdam
FILM SCRAP—2,270 lbs, President Cleveland, Shanghai; 53 cs, 14,270 lbs, San Diego, Paris; 62 cs, 15,790 lbs, Columbia Star, London
FUEL, MOTOR—20 dms, Anna Maersk, Hongkong
GASOLINE—30 dms, Argyll, Santa Rosalia; 3,789 bbls, Kanawha, Coco Solo; 44,884 bbls, Bramora, Melbourne
GYPSUM—60 sx, 6,720 lbs, Griffco, Santa Rosalia
INK, WRITING—2,820 lbs, Gracia, London
KEROSENE—(Tornus) 53,963 bbls, Curacao; 35,955 bbls, Lands End; 27,921 bbls, Bramora, Melbourne
LACQUER—1,950 lbs, President Cleveland, Tientsin
COLORED—1,950 lbs, President Harrison, Hongkong
THINNER—5,090 lbs, President Cleveland, Tientsin
METHYLETHYL KETONE—117 dms, 42,820 lbs, Moldanger, Havre
METHYLISOBUTYL KETONE—1 dm, 370 lbs, Moldanger, Havre
MOLYBDENUM CONC—220 sx, 21,970 lbs, Moldanger, Havre
OIL, COTTONSEED, REFD—950 lbs, President Cleveland, Manila; 1,850 lbs, Monterey, Melbourne
DIESEL—1,773 bbls, Delhi, Shanghai; 4,485 bbls., Trinity, Manila; 1,338 bbls, Peter Lassen, Porto Armuelles; 24,864 bbls, Pericles, Cristobal/Balboa
FUEL—22,671 bbls., Argyll, Santa Rosalia; 62,279 bbls, Trinity, Manila; 54,411 bbls, Kanawha, Coco Solo; 51,575 bbls, Pericles, Cristobal/Balboa; 30,000 bbls, Richmond, Dutch Harbor
GRAPEFRUIT—250 lbs, Pacific President, London
LEMON—780 lbs, Lochgoil, London
LEMON, DIST—2,330 lbs, Lochgoil, London
LUBRICATING—12 dms, Heiyo, Pimentel; 10 dms, Coloradan, San Juan
ORANGE—2,680 lbs, Gracia, London; 390 lbs, Lochgoil, London
PAINT—320 lbs, President Harrison, Hongkong
LIQUID—2,250 lbs, Irisbank, Manila
PECTIN, CITROUS—500 lbs, Brimanger, Antwerp
PETROLEUM, CRUDE—52,162 bbls, La Placentia, Ioco; 74,891 bbls, Thorshavn, Ioco; 64,661 bbls, Nissyo, Kudamatsu
GAS, LIQ—22 cyls, 2,310 lbs, San Diego, Antwerp
SOLVENT—10 dms, 3,020 lbs, La Placentia; Vancouver
SOAP—1,000 ctns, 50,000 lbs, Coloradan, San Juan
SODA ASH—2,204 bgs, 330,600 lbs, Hardanger, Buenos Aires; 1,287 bgs., 224,050 lbs, President Harrison, Hongkong
SOLVENTS—62 dms, 22,200 lbs, Wisconsin, Havre
SULPHUR DIOXIDE—6 cyls, 900 lbs, Pacific Reliance, Vancouver
TOILET PREPS—(Maui) 460 lbs, Kingston; 9,150 lbs, Havana; 3,750 lbs, President Cleveland, Manila; (Monterey) 460 lbs, Adelaide; 210 lbs, Brisbane; 1,100 lbs, Melbourne; 5,150 lbs, Moldanger, Paris; (Wisconsin) 170 lbs, Kingston; 330 lbs, Paris; 1,080 lbs, City of Los Angeles, Bridgetown; (President Harrison) 2,670 lbs, Manila; 1,250 lbs, Hongkong

AUG 1939

New Orleans Exports

Clearance Dates

Denny, July 19; Eglantine, July 29; Endicott, July 18; Hedrun, July 21; Kunikawa, July 20; Lago, July 28; Lindvangen, July 7; Maria, July 24; Nashaba, July 1; Nordvangen, July 29; Observer, July 1; Tasmania, July 1; Torungen, July 22

ASPHALT—652 dms, Torungen, St Thomas; 50 sx, Maria, Constanza; 85 dms, Nordvangen, Georgetown; 51 tons, Endicott, Havre; 305 sx, Observer, Liverpool; 215 sx, Eglantine, Manchester

BLACK, CARBON—44 tons, Endicott, Havre; (Observer) 30 cs, 2,544 sx, Liverpool; 1,448 sx, 30 cs, Manchester; (Nashaba) 2 tons, Antwerp; 6 tons, Rotterdam; (Kunikawa) 10 cs, 283 sx, Yokohama; 1,864 sx, 7 cs, Kobe; (Eglantine) 600 sx, 20 cs, Liverpool; 3,044 sx, Manchester

CHEMICALS—135 dms, Observer, Liverpool

CLAY—169 tons, Endicott, Havre; 5,869 sx, Observer, Manchester

COMMON—27 tons, Endicott, Antwerp

CORN SUGAR—800 sx, Observer, Manchester

COTTONSEED HULL PULP—3,850 bls, Hedrun, Gdynia; 5 bls, Kunikawa, Yokohama

FIRECLAY—(Nashaba) 11 tons, Havre; 14 tons, Antwerp; 1 ton, Rotterdam

GLUCOSE—50 bbls, Observer, Manchester

GREASE, LUBRIC—6 tons, Endicott, Havre; 2 bbls, Eglantine, Manchester

KEROSENE—100 cs, Nordvangen, Kingston

LARD—125 tins, Torungen, St Thomas; (Lindvangen) 14 tons, San Pedro de Macoris; 18 tons, Puerto Cabello; 54 tons, La Guaira; (Lago) 15 tons, Port au Prince; 20 tons, La Guaira; 29 tons, Maracaibo

OIL—4 tons, Denny, Puerto Mexico

FUEL—177 tons, Lindvangen, Moengo; 1,150 bbls, Nordvangen, Moengo

LUBRICATING—(Endicott) 14 tons, Havre; 5 tons, Antwerp; 93 dms, Observer, Manchester; 553 dms, Tasmania, Kobe; (Nashaba) 2 tons, Havre; 17 tons, Antwerp; (Kunikawa) 70 dms, Yokohama; 46 dms, Osaka; 30 bbls, Eglantine, Manchester

PARAFFIN—152 sx, Observer, Liverpool; 1 ton, Nashaba, Havre

PETROLEUM—10 tons, Nashaba, Antwerp

CRUDE—1,189 tons, Kunikawa, Osaka

ROSIN—167 dms, Observer, Liverpool; 90 dms, 60 bdls, Eglantine, Liverpool

WOOD—6 tons, Nashaba, Antwerp; 5 dms, Nordvangen, Georgetown

SOYBEAN MEAL—500 sx, Nordvangen, Bridgetown

SOAPSTOCK—24 tons, Endicott, Rotterdam

STARCH, CORN—11,320 sx, Observer, Manchester; 1,740 sx, Eglantine, Manchester

SULPHUR, CRUDE—1,965 tons, Observer, Liverpool

TAR—10 dms, Nordvangen, Bridgetown

TRIPOLI—19 tons, Endicott, Havre; 330 sx, Observer, Manchester

TURPENTINE—25 dms, Eglantine, Liverpool

Norfolk Exports

Clearance Dates

Artigas, August 4; Black Falcon, August 8; Blommersdijk, August 7; Kota Tjandi, August 9; Manchester Brigade, August 4; Marga, August 7; Rydboholm, August 6; Texas, August 7

ACETONE—73 dms, 30,295 lbs, Artigas, London

COTTONSEED HULL SHAVINGS PULP—423 bls, 63,957 lbs, Black Falcon, Rotterdam; 731 bls, 111,275 lbs, Rydboholm, Gothenburg; 48 bls, 11,232 lbs, Texas, Bergen; (Blommersdijk) 1,416 bls, 213,816 lbs, Rotterdam; 591 bls, 85,302 lbs, Genoa

DEXTRIN, CORN—720 bgs, 124,700 lbs, Manchester Brigade, Manchester

GLYCOL ETHER ESTER—4 dms, 2,305 lbs, Artigas, London

MICA, PULV—305 bgs, 30,600 lbs, Artigas, Hamburg; 135 bgs, 13,770 lbs, Manchester Brigade, Liverpool; 122 bgs, 12,444 lbs, Black Falcon, Antwerp

OIL, CEDARWOOD—5 dms, 2,270 lbs, Artigas, Hamburg

POTASH BROMIDE—280 cs, 36,960 lbs, Artigas, London

SODA, CAUSTIC — (Kota Tjandi) 100 dms, 67,800 lbs, Belawan; 30 dms, 13,540 lbs, Sibolga; 10 dms, 3,770 lbs, Olehleh; 570 dms, 386,010 lbs, Batavia; 15 dms, 10,170 lbs, Oosthaven; 20 dms, 13,560 lbs, Tegal; 30 dms, 20,310 lbs, Padang; 333 dms, 225,441 lbs, Pladjoe; 150 dms, 101,700 lbs, Cheribon; 250 dms, 169,500 lbs, Semarang; 500 dms, 338,500 lbs, Sourabaya; 90 dms, 60,980 lbs, Macassar; 40 dms, 27,120 lbs, Amboin; 30 dms, 20,340 lbs, Menado

NITRATE—300 tons, Marga, Havana

STARCH, CORN—1,500 ctrs, 71,000 lbs, Black Falcon, Antwerp

TANNING EXTRACT — 374 bgs, 610 bbls, 418,076 lbs, Manchester Brigade, Liverpool

POWDERED—75 bgs, 11,250 lbs, Black Falcon, Antwerp

Philadelphia Exports

Clearance Dates

Caroline Thorden, August 7; City of Roubaix, August 9; City of Worcester, August 9; Cypria, August 5; Examiner, August 8; Moira, August 9; Nordkap, August 9; Realf, August 8; Rowanbank, August 7; Scanyork, August 4; Schodack, August 9; Sorholt, August 11; Vaclite, August 11

BLACK, BONE—56 bgs, Scanyork, Gothenburg; 2 bgs, Rowanbank, Calcutta

BRAKE FLUID—4 dms, Nordkap, Barcelona

CEMENT, FIBER—17 dms, Nordkap, Barcelona

LEATHER BELTING — 1 cs, City of Worcester, East London; 1 cs, Rowanbank, Calcutta

RUBBER—1 dm, Nordkap, Barcelona

WATERPROOFING—13 kegs, 13 pls, Rowanbank, Karachi

DICHLORODIFLUOROMETHANE — 42 cyls, Rowanbank, Calcutta

GASOLINE—101,841 bbls, Realf, Copenhagen

GLAZE—7 cs, Nordkap, Barcelona

GREASE, LUBRIC—(Scanyork) 5 dms, 2 bbls, ⅛ Gothenburg; 5 dms, Helsingfors; (Cypria) 4 cs, Casablanca; 10 cs, Bissao; 20 dms, Nordkap, Barcelona; (Rowanbank) 7 dms, 6 half dms, Karachi; 5 dms, 1 cs, Bombay; 40 pkgs, Schodack, Havre

INSECTICIDE—6 cs, Cypria, Bissao

LACQUER THINNER—3 dms, Rowanbank, Bombay

LICORICE PASTE—58 cs, City of Worcester, Lourenco Marques

LINSEED CAKE—(Schodack) 581 bgs, Havre; 3,150 bgs, Havre-Dunkirk

MEAL—1,015 bgs, Scanyork, Gothenburg

MEDICINAL PREPS—3 cs, Rowanbank, Calcutta

OIL, FUEL—100 dms, Cypria, Bissao

ILLUMINATING—931 bbls, Vaclite, Liverpool and/or London

LUBRICATING—(Examiner) 374 dms, 860 cs, Piraeus; 204 cs, Thessaloniki; 2,100 dms, 1,460 cs, Istanbul; (Scanyork) 22 dms, Gothenburg; 50 bbls, 27 pkgs, Copenhagen; 68 dms, 1 crt, Stockholm; 11 dms, 614 pkgs, Helsingfors; (Cypria) 36 bbls, 261 cs, Leixoes; 275 bbls, 20 dms, 1,208 cs, Lisbon; 10 cs, Casablanca; 20 pkgs, Bissao; 4 dms, San Thome; 10 cs, Novo Redondo; 20 cs, Port Amboin; 45 cs, Mossamedes; 118 pkgs, Benguela; 55 pkgs, Loanda; 204 dms, 316 bbls, Marseilles; 10 bbls, 35 dms, Oran; 7 dms, Algiers; 32 dms, Nordkap, Barcelona; 10 pkgs, Sorholt, Manila; 13,918 bbls, Moira, Birkenhead; (City of Worcester) 592 dms, 20 ctns, 735 cs, Capetown; 319 dms, 5 cs, Walvis Bay; 35 dms, 5 cs, Luderitz Bay; 294 dms, 485 cs, Port Elizabeth; 1,456 dms, 460 cs, East London; 30 dms, 112 ctns, 27 cs, Durban; 2,550 cs, 8,016 cs, Lourenco Marques; 155 dms, 770 cs, Beira; (Rowanbank) 805 dms, 99 pls, Karachi; 27 dms, Calcutta; 2,523 dms, 10 cs, Bombay; 1 dm, Colombo; 5 dms, Madras; 900 dms, Calcutta; (Schodack) 290 pkgs, Havre; 660 pkgs, Dunkirk; (City of Roubaix) 827 dms, 930 cs, Manila; 10 dms, 420 cs, Iloilo; 141 dms, Hongkong; 20 dms, Shanghai; (Vaclite) 29,696 bbls, Liverpool and/or London; 7,158 bbls, Bremen

MINERAL—50 cs, Rowanbank, Bombay

TRANSFORMER—(City of Worcester) 10 cs, Capetown; 20 dms, Lourenco Marques; 45 cs, Beira; 25 cs, Rowanbank, Calcutta; 5 dms, 5 cs, City of Roubaix, Iloilo; 20,188 gls, Vaclite, Liverpool and/or London

PAINT—50 dms, 356 pls, Nordkap, Barcelona; (Carolina Thorden) 21 ctns, 28 kits, Helsingfors; 69 ctns, 4 dms, 58 kits, Stockholm

PRIMER—10 kits, Carolina Thorden, Stockholm

THINNER—1 dm, Carolina Thorden, Stockholm

PARAFFIN—530 bbls, Scanyork, Stockholm; 300 bgs, 100 cs, Cypria, Oporto; 204 bgs, City of Roubaix, Tientsin; 130,540 lbs, Vaclite, Liverpool and/or London

POLISH—42 ctns, Carolina Thorden, Stockholm

PUTTY — 1 ctn, Carolina Thorden, Helsingfors

RESIN, COALTAR—5 dms, Scanyork, Helsingfors

RUST PREVENTATIVE — 2 pls, Nordkap, Barcelona

SODA ASH—1 cs, City of Worcester, Calcutta

CYANIDE—4 cs, Scanyork, Gothenburg

TOILET PREPS — 1 cs, City of Worcester, Capetown

Port Arthur Exports

Clearance Dates

Arminda, July 29; Europe, Aug. 2; Marie Maersk, Aug. 1; Teddy, Aug. 2

ASPHALT—3 dms, 2 cs, Arminda, Puerto Barrios

BRAKE FLUID—50 cs, Arminda, Guatemala City

CLEANER'S SOLVENT — 2 dms, Arminda, Puerto Limon

GASOLINE—(Europe) 43,394 bbls, Liverpool; 43,933 bbls, Thameshaven

AVIATION — (Arminda) 600 bbls, Puerto Limon; 200 bbls, Cristobal; 200 bbls, Buenaventura; 125 dms, La Libertad; 125 bbls, David; 350 bbls, Turbo; 262 bbls, Barranquilla; 50 bbls, San Pedro de Macoris; 750 dms, Alvaro Obregon; 750 bbls, Carmen

GREASE, LUBRIC—(Arminda) 10 dms, 30 cs, Puerto Barrios; 40 dms, 72 cs, Guatemala City; 20 cs, Callao; 2 dms, 28 cs, Guayaquil; 305 dms, 15 cs, Barranquilla; 15 dms, 35 cs, Ciudad Trujillo; 6 dms, 10 cs, San Pedro de Macoris; 3 dms, Puerto Plata

KEROSENE—(Arminda) 1,300 cs, Puerto Barrios; 1,000 cs, Azua; 3,600 cs, Ciudad Trujillo; 1,000 cs, San Pedro de Macoris; 1,500 cs, Puerto Plata; 8,041 bbls, Europe, Thameshaven

OIL, FUEL — 150 dms, Arminda, Puerto Limon; 20 bbls, Arminda, Ciudad Trujillo; 29,807 bbls, Marie Maersk, Bilbao; 67,397 bbls, Teddy, Flushing

GAS — 58,609 bbls, Marie Maersk, Bilbao; 7,475 bbls, Europe, Liverpool

LUBRICATING—(Arminda) 77 dms, 118 cs, Puerto Barrios; 132 dms, 47 cs, Guatemala City; 34 dms, Puerto Limon; 3 dms, Cristobal; 65 dms, 115 cs, Panama City; 115 dms, 20 cs, Callao; 8 dms, 76 cs, Guayaquil; 387 dms, 65 cs, Barranquilla; 5 dms, Azua; 145 dms, 110 cs, Ciudad Trujillo; 24 dms, 15 cs, San Pedro de Macoris; 20 dms, Puerto Plata

PAINT, PREP—25 pls, Arminda, Ciudad Trujillo

San Francisco Exports

Clearance Dates

Bengkalis, July 15; Condor, July 13; Damsterdijk, July 13; Kimikawa, July 17; Kingsley, July 13; Madoera, July 15; Marken, July 11; President Taft, July 14; Roseville, July 12; Trevanion, July 16; Tuyama, July 10; Velox, July 10

ACETONE—10 dms, Bengkalis, Bombay

ACID, FATTY—40 sks, Condor, Amapala

MURIATIC—12 crbys, Condor, Amapala

ALCOHOL, ALLYL — 5 dms, Damsterdijk, Holland

AMMONIA—(President Taft) 122 cyls, Shanghai; 2 cs, Manila

ASPHALT — 2,906 bbls, Marken, Karachi; (Roseville) 1,525 bbls, Belawan; 80 dms, Singapore; 1,888 bbls, Condor, La Union; (President Taft) 25 dms, Manila; 127 dms, Shanghai; 420 dms, Madoera, Durban

GILSONITE—12 sks, President Taft, Hongkong

BIOLOGICALS, VET—1 cs, Condor, Guatemala; 1 cs, Madoera, Maritzburg

BITUMINOUS PREP—3 kegs, 3 cs, Condor, San Salvador

BLACK, CARBON—1 cs, Marken, Singapore

BLEACHING POWDER—6 dms, Condor, La Libertad

BLUE, LAUNDRY—104 cs, President Taft, Manila

BORAX—(Condor) 3 cs, La Union; 5 cs, Cutuco; 20 cs, Marken, Tanganyika

CALCIMINE—(Condor) 2 cs, Arequipa; 9 bbls, 21 kegs, Puntarenas

CALCIUM CARBIDE—96 dms, Condor, La Union

CANARY SEED—10 cs, Condor, La Libertad

CARBIDE—6 dms, Condor, La Union

CARBON—(Damsterdijk) 774 sks, England; 100 sks, Holland; 960 lbs, Bengkalis, Manila

BISULPHIDE—16 dms, Marken, Singapore; (Condor) 30 dms, La Union; 1 dm, San Jose de Guatemala; 12 dms, San Salvador

CEMENT, CAN—61 dms, Kingsley, Vancouver

LINOLEUM—1 dm, Kingsley, Vancouver

RADIATOR—15 cs, Kingsley, Vancouver

ROOF—5 cs, Marken, Manila; (Madoera) 132 pls, 2 cs, 3 dms, Durban; 3 dms, 14 cs, Capetown; 24 pls, Beira; 6 cs, Lourenco Marques

VULCANIZING—(Madoera) 10 cs, Durban; 10 cs, Capetown; 10 cs, Port Elizabeth

CHEMICALS—(President Taft) 6 cs, Shanghai; 12 cs, Manila; 8 dms, Osaka; 27 dms, Yokohama; 1 keg, 190 cs, Shanghai; 11 cs, 4 dms, 10 kegs, Manila; 120 cs, 10 kegs, Hongkong; 2 cs, Marken, Manila; 1 dm, Damsterdijk, Holland; 2 dms, Madoera, Kimberley, South Africa; 2 cs, Bengkalis, Batavia

CHLORINE BLEACH, LIQ—(President Taft) 9 cs, Manila; 4 cs, Hongkong

CINNAMON—(Condor) 25 bls, Libertad; 14 bls, Puntarenas; 4 bls, Amapala; 5 bls, Guayaquil

CLEANER—(President Taft) 2 cs, Manila; 2 cs, Hongkong; 4 cs, Shanghai; 74 cs, Kingsley, Vancouver

CLOVES—(Condor) 2 sks, Puntarenas; 1 sk, Guayaquil

COALTAR—(Condor) 2 dms, 5 kgs, 4 cs, San Jose de Guatemala; 10 dms, Acajutla; 20 dms, La Libertad

COLOR, DRY—1 bbl, Damsterdijk, South America; 7 cs, Condor, Guatemala; 1 bbl, Kingsley, Vancouver

CUMIN SEED—(Condor) 3 sks, La Libertad; 4 sks, Amapala; 7 sks, Puntarenas

DISINFECTANT—10 kegs, Condor, Acajutla; 2 cs, Kingsley, Vancouver; 1 bbl, President Taft, Philippine Islands

DYESTUFFS—3 dms, President Taft, Shanghai

EPSOM SALT—5 kegs, Condor, Corinto

FILLER, CEMENT—2 cs, Condor, Quezaltenango

WOOD—4 cs, Madeora, Capetown

FISHMEAL—200 sks, Roseville, Manila; 250 sks, Bengkalis, Manila

FLYSPRAY—5 bbls, Kingsley, Vancouver; 1 cs, President Taft, Manila

GASOLINE—(Condor) 25 dms, San Jose de Guatemala; 5 dms, Champerico; 2,200 bbls, Puntarenas; 4 dms, 500 cs, Trevanion, Pago Pago

GELIGNITE—(Condor) 1,000 cs, Ancon; 600 cs, Pisco

GLUCOSE—20 dms, Roseville, Cebu; 60 bbls, President Taft, Manila

GLUE—2 cs, Marken, Cebu; 4 sks, Condor, Guayaquil

LIQUID—4 dms, Kingsley, Vancouver

VEGETABLE—1 bbl, Kingsley, Vancouver

GLYCERIN—20 cs, 1 dm, Marken, Manila

GREASE, LUBRIC—40 dms, Roseville, Fremantle; 101 dms, 219 pls, 51 cs, Kingsley, Vancouver; (President Taft) 50 dms, Shanghai; 30 cs, 65 dms, 10 pls, Manila; 7 dms, Bangkok; 1 cs, Bengkalis, Batavia

INK, PRINTING—15 cs, Marken, Cebu; (President Taft) 5 dms, Shanghai; 10 pls, 4 dms, 3 cs, Manila; 15 bbls, 3 cs, Hongkong

STENCIL—1 cs, Marken, Manila

WRITING—4 cs, President Taft, Shanghai

INSECTICIDE—7 dms, Condor, San Jose de Guatemala; 5 bbls, President Taft, Bangkok

AGRICULTURAL—(Madoera) 344 dms, Capetown; 12 dms, Lourenco Marques

DRY—600 sks, Madoera, Capetown

LIQUID—2 cs, President Taft, Manila

KELP—36 sks, President Taft, Hongkong

KEROSENE—2 dms, Condor, Cutuco; (Trevanion) 10 dms, Apia; 112 cs, Pago Pago; 12 hlf dms, Kimikawa, Costa Rica

LACQUER—19 kgs, 2 cs, Condor, Guatemala; (Madoera) 2 dms, 61 cs, Capetown; 19 cs, East London; 47 cs, Port Elizabeth

THINNER—(Madoera) 15 dms, Durban; 100 pls, 2 cs, Capetown; 6 dms, East London; 5 dms, 30 pls, Port Elizabeth; 6 dms, Durban

LEAD—18 cs, President Taft, Manila

ARSENATE—625 cs, Madoera, Capetown

RED—1 kg, Condor, La Union; 50 kgs, Marken, Cebu

RED, IN OIL—10 kgs, Condor, Guatemala

WHITE—400 kgs, 6 cs, Roseville, Manila; 48 kgs, Damsterdijk, South America; 1 kg, President Taft, Manila

LIME—(Condor) 2,222 dms, Supe; 444 dms, Mollendo; 444 dms, San Juan del Sur

LITHARGE—(Condor) 3 pls, La Union; 2 kegs, Cutuco

MAGNESIA CARBONATE—10 sks, Kingsley, Victoria; 5 bbls, Kingsley, Vancouver

MEDICINAL PREPS—51 cs, Kingsley, Vancouver; 1 cs, Condor, San Jose de Costa Rica

METHYL CHLORIDE—3 cyls, Marken, Manila

ETHYL KETONE—5 dms, Kingsley, Victoria

MILK POWDER—1 cs, Condor, Corinto

SUGAR—28 bbls, Marken, Batavia; 50 bbls, President Taft, Shanghai

MUSTARD—7 bbls, Kingsley, Vancouver

NAPHTHA—1 dm, Kingsley, Vancouver

NITROCELLULOSE—4 dms, Kingsley, Victoria

NUTMEGS—1 sk, Condor, La Libertad

OIL—1 dm, President Taft, Shanghai; 10 cs, Kimikawa, Cuba

CHINAWOOD—5 dms, Condor, Valparaiso

COCONUT—5 dms, Condor, Guatemala; 1 dm, Kingsley, Vancouver

COCONUT, ACIDULATED—65 dms, Condor, Guayaquil

COTTONSEED, REFD—(Bengkalis) 100 dms, Zamboanga; 50 dms, Cebu

DIESEL—1,960 bbls, Velox, Noumea/Rabaul/Moresby/Samari; 282 bbls, Roseville, Saigon; 20 dms, Trevanion, Pago Pago

FISH—10 cs, President Taft, Manila

LINSEED—4 dms, Condor, Paita; 4 cs, President Taft, Manila

LUBRICATING—(Marken) 95 dms, Fremantle; 170 dms, Penang; 70 dms, Port Swettenham; 637 dms, Madras; 15 dms, Samarang; 165 cs, Sourabaya; 415 dms, Karachi; (Roseville) 85 dms, Samarang; 55 dms, Sourabaya; 21 dms, Fremantle; 55 dms, Pontianak; 100 dms, Saigon; 465 dms, 10 cs, Singapore; 170 dms, Medan; 110 dms, Batavia; 10 dms, Cebu; 5 dms, Condor, San Jose de Guatemala; 228 dms, Kingsley, Vancouver; (President Taft) 330 dms, Shanghai; 610 dms, Manila; 288 dms, Bangkok; 250 dms, Hongkong; 230 dms, Yokohama; (Madoera) 15 dms, 75 cs, Durban; 5 dms, 40 cs, Beira; 50 dms, 140 cs, Lourenco Marques; 20 dms, Port Elizabeth; 20 dms, Mombasa; 25 dms, 6 cs, Durban; 30 dms, 55 cs, East London; 20 dms, Capetown; 30 dms, Lourenco Marques; 20 cs, 20 dms, Port Elizabeth; 25 dms, Beira; (Bengkalis) 10 dms, Batavia; 190 dms, Fremantle

OLEO—40 bbls, President Taft, Hongkong

PALM—1 dm, Condor, Amapala

TURKEY RED—1 dm, Condor, Bolivia

PAINT—5 pls, 50 kegs, 5 dms, 49 cs, Marken, Manila; (Condor) 1 cs, Arequipa; 56 cs, 10 kegs, Puntarenas; (President Taft) 41 cs, 12 kegs, Manila; 4 cs, Philippine Islands; (Madoera) 2 cs, Durban; 30 cs, 10 pls, Capetown; 1 cs, Port Elizabeth; 7 cs, Nairobi; 9 cs, 1 dm, 96 pls, Durban; 2 cs, Nairobi; 40 pls, 42 cs, 2 dms, Beira; 90 kegs, 8 cs, Kimikawa, Cuba

ENAMEL—3 cs, Condor, Guatemala; 10 cs, Madoera, Capetown

PASTE—13 cs, Condor, Puntarenas

PREPARED—(Condor) 34 kegs, 42 cs, Guatemala; 86 cs, Quezaltenango

OXIDE—3 cs, President Taft, Philippine Islands

THINNER—3 dms, Marken, Manila; 2 dms, Tuyama, Caracas; 2 cs, Madoera, Capetown

PARAFFIN—2 cs, Condor, Guatemala; 250 sks, Madoera, Buenaventura

PASTE, LABEL, POWD—30 sks, Madoera, Capetown

PEPPER, BLACK—25 sks, Tuyama, Ciudad Trujillo; (Condor) 24 sks, Amapala; 12 sks, Puntarenas; 4 sks, Guayaquil; 25 sks, La Libertad; (Madoera) 50 sks, Talcahuano; 75 sks, Coquimbo; 1 sk, Kimikawa, Guatemala

PERFUMERY—1 cs, Kingsley, Vancouver

PETROLATUM—35 pls, 10 dms, Condor, San Jose de Guatemala

PETROLEUM—(Marken) 5 cs, Penang; 5 cs, Port Swettenham; 7 cs, 60 dms, President Taft, Bangkok

REFINED—50 dms, Roseville, Cebu; 400 cs, Condor, San Jose de Guatemala

THINNER—200 dms, Madoera, Capetown

PHARMACEUTICALS—4 cs, Marken, Madras; (President Taft) 9 cs, Hongkong; 26 cs, Shanghai; 19 pkgs, Bengkalis, Madras

PLASTER, DENTAL—1 cs, 12 dms, Marken, Manila

POLISH—(Madoera) 9 cs, Capetown; 2 pls, 2 cs, Port Elizabeth; 125 cs, Roseville, Manila; 1 cs, Condor, Guatemala; 28 cs, Kingsley, Vancouver; 1 cs, President Taft, Manila

POTASH, ALUM—1 bbl, Condor, San Salvador

CAUSTIC—1 dm, Condor, Amapala

XANTHATE—48 dms, Condor, Callao (Madoera) 33 dms, Lourenco Marques 400 dms, Ndola 13 dms, Kimikawa, Peru

PUTTY—1 cs, 20 kegs, Condor, Guatemala City; (Madoera) 9 cs, Capetown; 1 cs, Port Elizabeth

PYRETHRUM EXTRACT—3 dms, Kingsley, Shellburn

SALT—2,000 sks, 400 blocks, 10 bbls, Kingsley, Vancouver

CRUDE—503 tons, Kingsley, Vancouver

SHELLAC—5 bbls, Kingsley, Victoria

ORANGE, DRY—2 sks, Condor, Guayaquil

SOAP—1,000 cs, President Taft, Shanghai

LAUNDRY—3 cs, Condor, Puntarenas 2 cs, President Taft, Hongkong

POWDER—1 cs, President Taft, Hongkong; 10 cs, Condor, San Jose de Guatemala

TOILET—1 cs, Condor, Puntarenas; (President Taft) 3 cs, Manila; 2 cs, Hongkong; 504 cs, Shanghai

VETERINARY—2 cs, Kingsley, Vancouver

SODA, ASH—(Condor) 1 bbl, Amapala 15 sks, Cutuco; 24 cs, La Libertad; 7 bbls, Madoera, Taganyika

CAUSTIC—(Condor) 6 dms, La Libertad; 25 dms, Corinto

SILICATE—1 dm, Condor, La Libertad; 50 dms, Kingsley, Vancouver; 267 sks, President Taft, Shanghai

XANTHATE—320 dms, Kingsley, Kimberley (Canada)

SOLDERING FLUX—1 cs, Kingsley, Vancouver

SOLVENT, SCALE—1 bbl, President Taft, Manila

SULPHUR—40 sks, Cuzco, Champerico; 3 bbls, Condor, Corinto; 1,200 sks, Madoera, Capetown

DIOXIDE—2 cyls, Marken, Manila

TALLOW—75 dms, Tuyama, Ciudad Trujillo; (Condor) 30 dms, San Juan del Sur; 50 dms, Amapala; 80 dms, San Jose de Guatemala

TAPIOCA—(Condor) 1 sk, Puntarenas; 2 sks, San Cristobal; 5 sks, Guayaquil

TOILET PREPS—(Condor) 1 cs, San Salvador; 2 cs, Acajutla; 9 cs, Kingsley, Vancouver; (President Taft) 1 cs, Hongkong; 4 cs, Shanghai; 1,360 cs, Manila; 1 cs, Madoera, Lourenco Marques

TREE SEAL—24 cs, Madoera, Capetown

WASH—40 cs, President Taft, Iloilo; 329 cs, Madoera, Capetown

TURPENTINE—4 dms, Condor, Paita

VARNISH—(Condor) 1 cs, Amapala; 8 cs, 1 dm, Guatemala; 2 cs, Quezaltenango; 20 cs, Damsterdijk, South America

WATERPROOFING COMP—10 cs, Bengkalis, Batavia

WAX, CERESIN—1 cs, Kingsley, Vancouver

LIQUID—16 cs, President Taft, Manila

WOOD PRESERVATIVE—2 dms, Condor, San Salvador

YEAST—154 cs, President Taft, Yokohama

ZINC DUST — 154 dms, Roseville, Manila; (Condor) 106 cs, Amapala; 40 cs, La Union; 60 cs, Lima; 20 cs, Lomas; 30 cs, Damsterdijk, Peru

WHITE, DRY — 1 kg, Damsterdijk, South America

Savannah Exports

Clearance Dates

Tancred, August 3; Tulsa, August 3

ROSIN, GUM—(Tulsa) 1,000 bbls, 100 dms, London; 50 bbls, Hull; 97 bbls, Newcastle; 225 bbls, Rotterdam; 125 bbls, Antwerp

SIZE, DRY—(Tulsa) 471 bgs, Rotterdam; 45 bgs, Oskarshamn; 255 bgs, Wiborg

TURPENTINE, GUM—(Tulsa) 850 bbls, London; 560 bbls, Rotterdam; 115 bbls, Antwerp

Tampa Exports

Clearance Dates

General Tosta, July 20; Kagu, August 8; Laguna, August 1; Sally, July 27

ASPHALT—15 dms, Sally, Neuva Gerona

GAS—2 dms, General Tosta, Belize

GASOLINE—18 dms, Leguna, Belize; 25 dms, General Tosta, Belize

PAINT—5 cans, Laguna, Belize

PHOSPHATE ROCK—4,998 tons, Kagu, Yokohama

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—73,958 bbls, Yorba Linda, New York; 78,696 bbls, R P Smith, Baytown; 64,197 bbls, Esso Houston, Baytown

KEROSENE—38,500 bbls, Esso Houston, Baytown

OIL, GAS—40,187 bbls, W F Burdell, Wilmington

PETROLEUM, CRUDE—42,856 bbls, Beta, Texas City; 144,289 bbls, G Harrison Smith, Baytown; 32,209 bbls, Federal, Baytown; 99,803 bls, F W Abrams, Baytown; 127,497 bbls, Esso New Orleans, Baytown

Los Angeles Coast Trade

GASOLINE—62,129 bbls, Mojave, Seattle: 7,524 bbls, San Dirgan, San Diego; 7,048 bbls, Lebec, Portland; 16,891 bbls, La Purisima, San Diego; 6,439 bbls, San Diegan, San Diego; 18,070 bbls, La Purisima, Richmond; 9,500 bbls, Elwood, Sewaren
KEROSENE—72,000 bbls, Elwood, Sewaren
OIL, DIESEL—13,102 bbls, Mojave, Seattle; 2,223 bbls, La Purisima, San Diego; 1,461 bbls, San Diegan, San Diego
FUEL—24,669 bbls, Cathwood, Oleum: 27,749 bbls, Richmond, San Diego; 7,000 bbls, Mojave, Seattle; 51,409 bbls, Neches, San Francisco; 16,105 bbls Richmond, Seattle; 2,412 bbls, Coast Miller, Portland; 61,-399 bbls, Lebec, Portland; 6,994 bbls, La Purisima, San Diego; 63,802 bbls, R J Hanna, Willbridge; 79,000 bbls, Yankee Arrow, Bayonne
PETROLEUM, CRUDE—46,429 bbls, Cathwood, Oleum: 67,872 bbls, F G Drum, Avon; 34,-445 bbls, La Purisima, Oleum

Cargo Ship Arrivals

August 12 to August 25

New York

Agwistar	Tampico*	Aug 21
Akagi	Yokohama*	Aug 21
Alabaman	Portland*	Aug 18
Alaskan	Tacoma*	Aug 22
Alssund	Hernosand	Aug 19
Amazone	Ciudad Bolivar*	Aug 19
American Merchant	London*	Aug 21
American Oriole	Port Angeles*	Aug 18
American Shipper	Manchester*	Aug 21
American Trader	London	Aug 14
Amor	Maracaibo*	Aug 21
Ancon	Cristobal*	Aug 19
Aquitania	Southampton*	Aug 15
Astri	Santos	Aug 17
Baalbek	Hamburg	Aug 14
Beemsterdijk	Antwerp	Aug 24
Bennestvret	Georgetown*	Aug 16
Birmania	Trieste*	Aug 20
Black Eagle	Rotterdam*	Aug 20
Black Osprey	Rotterdam*	Aug 16
Borinquen	Trujillo*	Aug 14
Calmar	Portland*	Aug 15
Cameronia	Glasgow*	Aug 20
Champlain	Havre*	Aug 18
Chiriqui	Puerto Barrios*	Aug 24
City of Los Angeles	San Francisco*	Aug 15
City of Manila	Calcutta*	Aug 17
City of San Francisco	San Francisco*	Aug 22
Coamo	Trujillo*	Aug 21
Colombie	Havre*	Aug 24
Crown City	Calcutta*	Aug 25
Danio	Buenos Aires*	Aug 22
Drottningholm	Gothenburg	Aug 24
Dorothy Luckenbach	Seattle*	Aug 24
Ensley City	Honolulu	Aug 23
Europa	Bremen*	Aug 17
Exeter	Beirut*	Aug 23
Exmoor	Istanbul*	Aug 24
Falcon	Valparaiso*	Aug 19
Flora	Maracaibo*	Aug 14
Forbes Hauptmann	Seattle*	Aug 21
Fort Amherst	St John's*	Aug 23
Fort Townshend	St John's*	Aug 16
Gran	Marseilles*	Aug 23
Hamburg	Hamburg*	Aug 18
Hanley	San Francisco*	Aug 14
Havelland	Hongkong*	Aug 24
Henri Jaspar	Antwerp	Aug 15
Ile de France	Havre*	Aug 22
Independence Hall	Havre*	Aug 14
Jamaica	Barranquilla*	Aug 17
Jean Jadot	Antwerp	Aug 22
Medea	Maracaibo	Aug 25
Kentuckian	Portland*	Aug 24
Kinka	Manila*	Aug 17
Kurama	Manila*	Aug 14
Kusnetz Lesox	Leningrad*	Aug 21
Kyno	Hull*	Aug 19
Laila	Yokohama*	Aug 16
Kyusyu	Liverpool*	Aug 21
Laconia	Valparaiso*	Aug 21
Leonard Wood	Cristobal*	Aug 21
Lewis Luckenbach	Seattle*	Aug 18
Lossiebank	Hongkong*	Aug 21
Manaqui	Grenada	Aug 14
Manhattan	Hamburg*	Aug 17
Manuela	San Juan	Aug 21
Mathilda Thorden	Kotka*	Aug 15
Mauretania	Havre*	Aug 18
Mexican	Tacoma*	Aug 16
Mexico	Vera Cruz*	Aug 22
Mormacrio	Buenos Aires*	Aug 24
Mormacsea	Raumo*	Aug 18
Mormacsul	Buenos Aires*	Aug 14
Munargo	Havana*	Aug 17
Muncaster Castle	Iloilo*	Aug 24
Nea Hellas	Piraeus*	Aug 18
New Brooklyn	Accra*	Aug 24
Noordam	Rotterdam	Aug 14
Normandie	Havre*	Aug 14
Olopana	Honolulu*	Aug 21
Oremar	Grays Harbor*	Aug 14
Oslofjord	Oslo	Aug 18
Patria	Ceara	Aug 24
Pastores	Puerto Barrios*	Aug 17
Pennsylvania	Seattle	Aug 25
Pilsudski	Gdynia*	Aug 21
Ponce	San Juan	Aug 21
Queen Mary	Southampton*	Aug 21
Ragnhild	Rotterdam*	Aug 25
Ravnaas	La Plata	Aug 20
Robin Adair	Mombasa*	Aug 21
Rosario	San Juan	Aug 14
San Anselmo	Oakland*	Aug 14
San Jacinto	San Juan	Aug 16
San Pedro	Havre	Aug 15
Santa Lucia	San Antonio*	Aug 20
Santa Paula	Barranquilla*	Aug 22
Santa Rita	Chanaral*	Aug 15
Santa Rosa	Barranquilla*	Aug 15
Scanpenn	Kotka*	Aug 21
Scythia	Liverpool*	Aug 14
Seatrain Havana	New Orleans*	Aug 15
Siantar	Macassar*	Aug 22
Siboney	Vera Cruz*	Aug 15
Statendam	Rotterdam*	Aug 22
Steel Scientist	Singapore*	Aug 23
Stuyvesant	Barbados*	Aug 14
Talamanca	Port Limon*	Aug 20
Telamon	Manaos*	Aug 24
Thode Fagelund	Santos	Aug 21
Tokai	Yokohama*	Aug 15
Toronto City	Powey*	Aug 23
Uruguay	Buenos Aires*	Aug 21
Veragua	Cartagena*	Aug 24
Vingaren	Gothenburg*	Aug 23
Volendam	Rotterdam*	Aug 22
Vulcania	Trieste*	Aug 17
W R Keever	Tacoma*	Aug 25
West Isleta	Capetown*	Aug 15
West Kebar	Port Gentil*	Aug 19
Western Prince	Buenos Aires*	Aug 15
Westernland	Antwerp	Aug 15
Willmoto	Portland*	Aug 20
Wind Rush	Portland*	Aug 17
Yamagiri	Kobe*	Aug 23
Yomachichi	Melbourne*	Aug 14

* And other ports

Recent Charters

CREOSOTE—3,655 tons, S S Clairy, United Kingdom, Continent to Northern States, £2,200; August
FLAXSEED—440,000 cubic feet, S S Frances Massey, Alexandria to Hull, 10s per 60 cubic feet; August-September
ORE—1,500 tons, S S Polyktor, Poti to Boulogne, 10s 3d; August
PETROLEUM—3,719 tons, S S Strix, clean, Gulf to South of Spain, 11s; September
3,753 tons, S S Ranja, clean, Gulf to South of Spain, 11s; September
5,941 tons, S S Skaraas, clean, Gulf to East Mediterranean, with options, 11s; September
5,389 tons, S S Anna Maersk, dirty, Gulf to Continent, 9s 3d; August
—— tons, S S ——, fuel oil, Gulf to North of Hatteras, 17c a barrel; August
4,729 tons, S S Attila, five years continuation, 4s 6d
5,678 tons, S S Sveadrott, crude, three trips, Venezuela to North of Hatteras, 13c a barrel; September
—— tons, Jap tanker, dirty, California to Balboa, 20c a barrel; August-September
4,959 tons, S S Gard, crude, Venezuela to North of Hatteras, 13c a barrel; August
3,042 tons, S S Mexico, clean, Northern States to Avenmouth or London, 18s 6d; September
4,767 tons, S S Sandefjord, gas oil, Gulf to South of Spain, 10s; August
5,550 tons, S S Krossfonn, dirty, Bahrein to Teneriffe, two trips; August
3,609 tons, S S Britta, lubricating oil, Gulf and New York to Continent, 12s 3d; prompt
50,000 bbls, S S Ruth Kellogg, heavy crude, Gulf to New London, 18c a barrel; September
5,989 tons, S S Norvik, crude, Venezuela to North of Hatteras, 13c a barrel; August
4,390 tons, S S Ardmore, 15c light crude, 16c heavy and 17c a barrel fuel oil, Gulf to North of Hatteras; August
6,505 tons, S S Le Havre, clean, part cargo, 7,000 tons, Gulf to Havre, 10s 9d; August
5,901 tons, S S Solfonn, clean, Gulf to Continent, 10s; August
5,507 tons, S S Marie Maersk, dirty, Gulf to United Kingdom, Continent, 9s 9d; September
4,126 tons, S S Thorshavn, dirty, Los Angeles, Calif, to Balboa, 21½c a barrel; August
ZINC CONCENTRATES—1,927 tons, S S Bornholm, Tampico to Tonny Cherente, France, $4.75; September

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adultered or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended August 16

Cassia oil, 15 drums; not U.S.P.
Cod oil, 94,270 gallons; restricted use.
Cosmetic preparations, 1 case; dangerous to health.
Cosmetic preparations, 3 parcels; false and misleading statements.
Cumin seed, 60 bags; filthy.
Hair tonic, false and misleading statement.
Medicinal preparations, 3 cases; false therapeutic claims.
Medicinal preparations, 3 cases; new drug.
Medicinal preparations, 1 case; dangerous drug.
Medicinal preparations, 3 cases; new drug; false theropeutic claims.
Medicinal preparations, 1 case; false therapeutic claims; alcohol not properly declared.
Medicinal preparations, 5 cases; below professed standard; false and misleading statements.
Nutmegs, 380 bags; restricted use.
Pollack liver oil, 87 drums; restricted use.
Sesame seed, 130 bags; insect-infested.
Valerian root, 34 bales; not U.S.P.

Boston

Week Ended August 16

Medicinal preparation, 1 package; dangerous drug.
Medicinal preparation, 2 packages; false therapeutic claims.

Buffalo

Week Ended August 16

Codliver oil, 50 drums; below professed standard.

Denver

Week Ended August 3

Medicinal, 6 pieces; new drug; false therapeutic claims.

Los Angeles

Week Ended August 3

Insecticide, 140 cases; no ingredient statement.
Medicinal, 500 pieces; false therapeutic claims.

Philadelphia

Week Ended August 16

Hair dye, 1 package; inadequate caution statement.
Hair dye, 1 package; no caution statement.
Medicinal preparation, 1 package; false therapeutic claims.
Rosemary leaves, 13 bales; filthy.
Bakery product, 44 boxes; false therapeutic claims.

San Francisco

Week Ended August 3

Medicinal, 1 package; false therapeutic claims.

Seattle

Week Ended August 3

Cocoa beans, 235 bags; decomposed.

Cottonseed Crushings Down 29 Percent

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held, August 1 to July 31, 1939, and 1938, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Received at mills* Aug. 1 to July 31,		Crushed Aug. 1 to July 31,		On hand at mills July 31,	
	1939.	1938.	1939.	1938.	1939.	1938.
	Tons					
United States	4,258,904	6,621,356	4,470,611	6,325,733	119,880	337,118
Alabama	310,305	437,969	311,344	426,289	10,922	11,961
Arkansas	459,400	627,299	475,466	606,961	4,156	20,222
California	159,405	290,704	176,313	269,950	4,783	26,222
Georgia	365,635	624,214	366,825	611,248	14,104	15,294
Louisiana	186,396	288,546	191,731	282,868	547	5,882
Mississippi	668,322	1,028,759	688,304	994,927	21,816	41,798
North Carolina	144,057	289,924	150,605	282,540	1,247	7,795
Oklahoma	178,844	277,790	181,732	274,622	782	3,670
South Carolina	179,986	284,791	180,725	283,889	813	1,552
Tennessee	356,646	437,174	366,314	424,977	2,942	12,610
Texas	1,068,257	1,760,548	1,194,826	1,601,267	54,504	182,073
All other states	181,651	273,638	186,426	266,195	3,264	8,039

* Includes 5,531 and 899 tons seed destroyed at mills, but not 337,118 and 42,394 on hand August 1 nor 76,505 and 153,884 reshipped for 1939 and 1938, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to July 31.	Shipped out Aug. 1 to July 31.	On hand July 31.
Crude oil, pounds—				
1938-1939	*33,833,717	1,409,188,525	1,365,468,952	*73,352,913
1937-1938	11,141,266	1,961,485,735	1,954,346,359	33,833,717
Refined oil, pounds—				
1938-1939	†487,927,952	‡1,295,785,809	.....	†558,854,702
1937-1938	441,052,348	1,753,368,933	.....	487,927,952
Cake and meal, tons—				
1938-1939	214,611	2,023,523	2,117,340	120,794
1937-1938	41,952	2,830,420	2,657,761	214,611
Hulls, tons—				
1938-1939	133,153	1,161,069	1,216,118	78,104
1937-1938	43,422	1,625,932	1,536,201	133,153
Linters, running bales—				
1938-1939	457,464	1,115,916	1,088,527	484,853
1937-1938	61,547	1,470,528	1,074,611	457,464
Hull fiber, 500-pound bales—				
1938-1939	30,534	37,785	42,607	25,712
1937-1938	1,828	65,433	36,727	30,534
Grabbots, motes, etc., 500-lb. bales—				
1938-1939	36,592	56,469	61,720	31,341
1937-1938	7,379	85,443	56,230	36,592

* Includes 11,339,523 and 6,399,896 pounds held by refining and manufacturing establishments and 12,855,220 and 13,594,470 pounds in transit to refiners and consumers August 1, 1938, and July 31, 1939, respectively.
† Includes 5,199,739 and 13,267,355 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments and 7,696,711 and 3,414,470 pounds in transit to manufacturers of shortening, oleomargarin, soap, etc., August 1, 1938, and July 31, 1939, respectively.
‡ Produced from 1,376,144 pounds of crude oil.

Exports and Imports for Eleven Months Ended June 30

	1939.	1938.
Exports—		
Oil, crude, pounds	178,028	2,460,921
Oil, refined, pounds	3,882,163	4,807,607
Cake and meal, tons of 2,000 pounds	15,072	87,936
Linters, running bales	193,234	253,761
Imports—		
Oil, crude, pounds	*714,800	42,912
Oil, refined, pounds	*57,784,996	54,420,224
Cake and meal, tons of 2,000 pounds	4,423	4,285
Linters, bales of 500 pounds	43,654	14,571

* Amounts for July not included above are 680,619 pounds refined, "withdrawn from warehouse for consumption," and 584,000 refined, "entered direct into warehouse."

Oils, Fats and Waxes

—*Continued from page 41*

Fats and Greases

Grease.—Quotations were shaded ⅛c., the tone of the market apparently being fairly steady at the decline. There was a fair inquiry for small or moderate quantities.

Lard.—Local cash prices showed more or less irregularity in company with futures in the West, where speculative offerings were lighter at times. The export movement showed some increase. Domestic trade was quiet.

Stearin.—The tone was easy in company with other commodities. Quotations were shaded ¼c. Trade was quiet.

Tallow.—The market remained in an easy position, quotations being shaded ⅛c., with sales reported at 4⅜c. per pound for extra. This compared with 4½c. in the previous week. Interest on the part of consumers was reported as somewhat greater than in the previous week.

There was no trading in tallow futures on the New York Produce Exchange from August 14 to August 18, inclusive. Following is a price record for the week:—

	High.	Low.	Close.
	Cents per pound in tanks		
October	...	...	4.25@4.40
December	...	...	4.30@4.45

Markets at Other Centers

Chicago, Aug. 18.—Additional price recessions have taken place in the cash lard market, in keeping with the lower trend evident in the futures market, and in some other related markets. Trade has been rather restricted.

The range of lard quotations from the opening Saturday, August 12, to the close Friday, August 18, is shown in the following table:—

	Open.	High.	Low.	Close.	Previous Friday.
	Per 100 pounds				
Cash	$5.10	$5.47	$5.00	$5.47	$5.22
October	5.17	5.45	4.87	5.45	5.22
December	5.40	5.57	5.00	5.52	5.35

TALLOWS (tierces).—Edible, 4⅜c. to 4⅝c. per pound; prime, 4¼c. to 4½c.; fancy, 4⅛c. to 4⅜c.; special, 4c. to 4¼c.

GREASES (tierces).—Choice white, 4c. to 4¼c. per pound; A white, 4c. to 4⅛c.; B white, 3¾c. to 4c.; yellow, 10-16, 3⅝c. to 3⅞c.; yellow, 16-20, 3½c. to 3¾c.; brown, 3¼c. to 3½c.

STEARINS (barrels).—Prime oleo, 5⅜c. to 5⅝c. per pound; lard, packages, 6¼c. to 6½c.; white grease, 4¼c. to 4½c.; yellow grease, 4⅛c. to 4⅜c.; oleo stocks, 6¾c. to 7c.; No. 2 stocks, 6¼c. to 6½c.

Liverpool, Aug. 18.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	September.	October.
	s. d.	s. d.	s. d.
Saturday	32 0	31 9	32 6
Monday	31 6	31 6	32 3
Tuesday	31 0	30 9	31 6
Wednesday	31 0	31 3	31 9
Thursday	32 0	32 0	32 9
Friday	33 0	33 0	33 9

Liverpool, Aug. 18.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	17 6	16 6
Monday	17 6	16 6
Tuesday	17 6	16 6
Wednesday	17 6	16 6
Thursday	17 6	16 6
Friday	18 0	16 3

Animal Oils

Lard.—Quotations were reduced ¼c. to ½c. per pound, the easier situation being due to lessened cost of basic material. There was a fair inquiry for small or moderate lots to fill the current needs of consumers.

Neatsfoot.—The market had an easier tone, quotations on some grades being lowered ¼c. to ½c. per pound. Consumers were not disposed to anticipate but there was a fair demand in a jobbing way.

Oleo.—Prices were reduced ½c. per pound, the tone of the market apparently being steady at the decline. There was a fair request from local and other buyers.

Tallow.—Recent weakness in basic material was reflected in a reduction in tallow oil prices of ½c. per pound. Demand was fair.

Markets at Other Centers

Chicago, Aug. 18.—Reflecting the easiness which for some time has characterized basic materials, animal oils are

AUG 1939 XUM

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Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
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PHILADELPHIA DISTRIBUTOR of high standing now representing nationally known manufacturers of heavy chemicals desires to secure the representation of other products. Sales organization covers all industry, including textile, leather and laundry. Write in full detail. BOX 474, Oil, Paint and Drug Reporter.

Agents Wanted

PRODUCER of colloids is seeking salesmen or brokers to present his product to paint manufacturers on a commission basis; unlimited opportunities and exclusive territories now available. BOX 492, Oil, Paint and Drug Reporter.

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IF COLOR manufacturer wants capital, am willing to listen to any proposition. Know the business. BOX 481, Oil, Paint and Drug Reporter.

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FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mill's, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FROM PLANT liquidations: — Six 900 gals. closed, agitated jack, kettles; 3,000 pound jack. horiz., steel powder mixer, 20 h.p. motor driven; Tolhurst 32-inch rubber lined centrifugal; two 6-foot diameter Buffalo vacuum crystalizers; jacketed agitated vacuum stills, 25 to 2,000 gals., glass lined and steel; glass lined and steel storage tanks; 3 ft. by 15 ft. rotary vacuum dryer; Hardinge mill, 6 ft. by 36 in.; pebble and jar mills to 250 gals. capacity; filter presses to 36 in. square; Stedman 42 in. disintegrator; tablet machines, one-half in. to 2 in., single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Offered

FOR SALE.—Two rubber lined wood tanks in good condition, capacities 4,050 and 3,200 gallons. For further specifications write The Globe Chemical Company, Cincinnati, Ohio.

FOR SALE:—Monel metal rotary dryer, approximately 3 ft. diameter by 23 ft. long, practically new. BOX 494, Oil Paint and Drug Reporter.

Equipment Wanted

WANTED.—Three number 1 Anderson oil expellers, pulley driven preferred. State price, condition, and where equipment can be inspected. BOX 496, Oil, Paint and Drug Reporter.

WANTED:—Forty gallon foam type fire extinguisher must be in good condition; reasonably priced. Advertiser located in metropolitan area: prefers inspection. Give manufacturer and serial number. BOX 500, Oil, Paint and Drug Reporter.

Factories Offered

FIREPROOF FACTORY, 7,000 sq. ft. one story, 18-20 ft. headroom, concrete floor, railroad siding, yard. Unrestricted district in Brooklyn. Low rent. The R. L. Kraft Company, Woolworth Building, New York City, COrtlandt 7-9377.

Foreign Manufacturing

AMERICAN FIRM, situated in Buenos Aires desires negotiation with reliable concern to manufacture and sell on commission basis chemical products. Owns and has available some 12,000 square feet for manufacturing. All formulas and patents would be fully protected. Sahlin and Cia, Calle Belgrano 1921, Buenos Aires, Argentina. Preliminary consultation may also be made with N. A. Sahlin, State street and Pierce avenue, Camden, New Jersey.

Manufacturing Wanted

PAINT & CHEMICAL specialty plant located outside Newark, N. J., would like to contact manufacturers and jobbers desiring to reduce costs and insurance premiums on nitrocellulose solutions, lacquers, thinners, paint removers (noninflammable if desired). Equipped for custom cutting and to manufacture anything in solvent lines; cost plus basis. BOX 475, Oil, Paint and Drug Reporter.

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WANTED:—A salesman about 35 with fundamental knowledge of chemistry and successful selling record of pigments or chemicals to paint or rubber trade. Good opening with whiting manufacturer in middlewestern territory. BOX 478, Oil, Paint and Drug Reporter.

EXPERIENCED TABLET maker wanted, also man who can prepare granulations. State age, experience and salary expected. BOX 493, Oil, Paint and Drug Reporter.

CHEMIST.—General paint line experience essential. Excellent opportunity with eastern manufacturer. Outline complete experience first letter for consideration. BOX 497, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL ENGINEER.—Experienced in pharmaceutical manufacturing of glandular products, enzymes, ampoules, tablets, liquids, etc. Alert, personable, has ideas, and knows the field. Good record with reputable firms. Desires contact with progressive house. BOX 485, Oil, Paint and Drug Reporter.

CHEMICAL HOUSE requiring in New York area a man capable of handling books, sales correspondence and office detail can contact an experienced, energetic man by writing BOX 499, Oil, Paint and Drug Reporter.

Positions Wanted

SUPERINTENDENT, paint manufacturing or plant manager. Twenty-five years' practical experience in the manufacture of paints, railroad, marine and industrial specialties. Practical knowledge of the manufacture of varnishes, japans, driers, etc. Thorough knowledge of chemistry of paints and varnishes. Open for position. BOX 495, Oil, Paint and Drug Reporter.

SALESMAN.—Paints, varnishes, colors, having years of selling experience and good following among leading jobbers, retail paint stores, contractors, etc., in the metropolitan area, wishes to connect with first class manufacturer. Commission basis. BOX 498, Oil, Paint and Drug Reporter.

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WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

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tending a little easier. Buying remains limited.

LARD.—No. 1, 7½c. to 7¾c. per pound.
OLEO.—No. 2, 6½c. to 6¾c. per pound.
TALLOW.—Acidless, 6¾c. to 7c. per pound, tanks; and 7½c. to 7¾c., drums.

Waxes

Bayberry. — The market continued strong based on current demand and absence of more than than moderate stocks in the hands of local dealers. New uses for this wax have resulted in the building of a high volume of demand.

Candelilla. — Routine business kept the market very steady and accounted for the well maintained prices for spot goods from dealers.

Carnauba. — Prompt delivery prices were very steady and reports from the primary market continued to suggest that new crop values would be advancing as the result of rain having stopped the production of wax earlier than usual. Buyers and sellers alike were watching the situation closely and a revival of broader trading seemed not unlikely.

Japan.—Replacement quotations were very firm and seemed, if anything, to tend upward. Local quotations held all of the recent advance and demand was reported to have been very good.

H. A. Pope, of the New York office of the Archer-Daniels-Midland Company, Minneapolis, left last Saturday for two weeks vacation in Island Heights, N. J.

Buckeye Cotton Oil Plans $400,000 Expansion

The Buckeye Cotton Oil Company, Louisville, has started work on a $400,000 construction plan, the initial work of which calls for the building of soybean storage bins and a dryer at an expenditure of $50,000. A solvent plant will be erected by the company next year at a cost of $350,000.

Fertilizer Materials

Markets at Other Centers

—Continued from page 53

BONE—3 and 50 percent grade, $26 per ton, basis Chicago.

Baltimore, August 16.—The market for crude fertilizer materials is perhaps even more quiet than before.

FISH SCRAP—Menhaden fishing hauls are reported under normal. Menhaden meal for spot and nearby delivery is held at $40 in car lots. Japanese sardine meal is very quiet at $46.50 per ton, with offerings small.

TANKAGE—Stocks of this ammoniate are fairly well sold up for this time of the season, with unground feeding material at $2.90 and 10c. per unit.

DRIED BLOOD—Domestic supplies are quoted at $2.30 per unit-ton, f.o.b. Chicago.

Chicago, Aug. 16.—Movement of material is reported quiet, with few features. Buyers are ordering limited amounts. Blood is bought in routine fashion. Tankage business is reported slow and quiet. Bone materials have moved within a narrow price channel, in limited lots.

BLOOD—Principal grade, $2.30 to I2.35 per unit of ammonia.

TANKAGE—High grade, feeding, $3 and 10c.; hoof meal, $2.50; liquid stick, $1.35 to $1.50.

BONE MATERIALS—Ground, steamed bone, 1¼ and 60 percent, $23 to $24; 3 and 50 percent, $24 to $25; 4½ and 50 percent, $20 to $27; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $25 to $26; beef cracklings, soft pressed, $37.50 to $40; pork cracklings, soft pressed, $47.50 to $50; hard pressed cracklings, per unit of protein, 75c. to 80c.

San Francisco, Aug. 16.—There is nothing eventful in the fertilizer materials market at the moment. A strike in one of the biggest packing plants is tending to keep down the supply of dry rendered tankage, although quoted prices on this material have shown no variation lately. Fish meals are slow, but are holding steady, with no California material ready for delivery yet owing to a labor deadlock. Ruling prices are:—

SULPHATE OF AMMONIA—100-pound bags, $34.50 per ton, delivered to destination, which includes $4.40 per ton freight allowance from factory. Freight exceeding this allowance to be paid by consignee.

NITRATE OF SODA—100-pound bags, $29 per ton, ex-vessel or warehouse; 200-pound bags, $28.30 per ton ex-vessel or warehouse.

SUPERPHOSPHATE—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE—$40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P. A. Inland points, delivered, $1 per ton extra. Eleven percent N. and 48 percent P. A. material, $52 per ton, cars, port basis and $1 per ton extra for delivery inland.

FISH MEAL—New crop California sardine meal, out of possible September production, $39 per ton, f.o.b. San Francisco/Monterey. Oregon and Washington meal, $36 per ton, f.o.b. production point.

TANKAGE—Unground, fertilizer grade, wet rendered, $2.75 and 10c. per unit-ton, f.o.b. cars, San Francisco. Dry rendered, ground, $42.50 per ton, f.o.b. cars, South San Francisco; unground, dry rendered, 70c. to 72½c. per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL—Domestic, $2.75 per unit, f.o.b. cars, Los Angeles.

BONE MEAL—Domestic, $25 to $29 per ton, delivered Pacific Coast ports.

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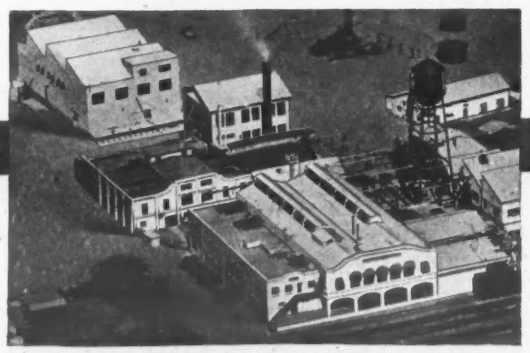

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